



# Price List





## ข้อมูลบริษัท

บริษัท สายไฟฟ้าไทย-ยasaki จำกัด หรือ TYE มีบจกก่อตั้งบริษัทขึ้นเมื่อปี พุทธศักราช 2505 บริษัท ก็ค่อย ๆ เติบโต ก้าวขึ้นเป็นผู้นำด้านการผลิต และจำหน่ายสายไฟฟ้า และสายเคเบิลที่เป็นตัวนำทองแดง และอลูมิเนียม ที่ไม่หยุดสร้างสรรค์เทคโนโลยีใหม่ ๆ สู้สังคม และยังมีส่วนแบ่งการตลาดเป็นอันดับต้นๆ ในประเทศ เรามีฐานการผลิตที่จังหวัดสมุทรปราการ

ซึ่งมี 3 สาขา คือ สาขาพระประแดง หรือ TYE-P , สาขาวัดแค หรือ TYE-W และสาขาสุวรรณภูมิ หรือ TYE-S โดยดำเนินงานธุรกิจมานานกว่า 50 ปี ตั้งอยู่ในทำเลที่เป็นศูนย์กลางอุตสาหกรรมการผลิตของประเทศ



หน้าที่ของเราคือการเป็นผู้ผลิตสายไฟฟ้าที่มีคุณภาพ ที่จะเข้าไปเป็นส่วนหนึ่งของการดำรงชีวิตของผู้คนมากมาย รวมทั้งการเพิ่มมาตรฐานคุณภาพด้วยการตรวจสอบอย่างเคร่งครัด และ พัฒนาต่อยอดเพื่อให้ผลิตภัณฑ์เหล่านี้ ตอบสนองความต้องการสูงสุดของลูกค้าได้

## ผลิตภัณฑ์ของเรา

- Building Wire and Cable
- Low voltage Power Cable
- Medium and High Voltage Power Cable
- Control Cable and Instrument Cable
- Bare Conductors
- Special cable
  - Low Smoke & Halogen Free cable
  - Fire Resistant Cable
  - Flame Retardant Cable
  - Vermin Proof Cable
  - Armoured Cable





## ผลิตภัณฑ์คุณภาพ

บริษัทได้ผลิตสายไฟฟ้าที่มีคุณภาพสูงโดยใช้วัตถุดิบที่มีคุณภาพ เพื่อให้ได้ผลิตภัณฑ์ที่มีคุณภาพสูง และจ่ายกระแสไฟฟ้าได้อย่างเต็มประสิทธิภาพ โดยเฉพาะวัตถุดิบหลักของสายไฟฟ้าคือตัวนำไฟฟ้า (Conductor) ซึ่งทางบริษัทฯ ได้ใช้ทองแดงที่มีความบริสุทธิ์ 99.99% ซึ่งเป็นทองแดงใหม่มาใช้ผสมผสานกับเทคโนโลยีการผลิตที่ทันสมัยทำให้ได้ตัวนำที่มีคุณภาพโดยผลที่ได้คือ มีความนำไฟฟ้าเป็นไปตามมาตรฐาน และไม่ทำให้เกิดความต้านทานสูง วัตถุดิบ PVC ทางบริษัทฯ ใช้ PVC ใหม่และปราศจากการเจือปน

ทำให้อนวนที่ได้นั้นมีคุณภาพ และทำให้สายไฟฟ้าสามารถจ่ายกระแสไฟฟ้าได้เต็มพิกัดตามมาตรฐาน และกระบวนการผลิตภายในบริษัทนั้นก็ได้มีการตรวจสอบในทุกขั้นตอน เพื่อควบคุมให้เป็นไปตามคุณภาพของบริษัทฯ นอกจากนี้การผลิตที่มีคุณภาพแล้วนั้น การทดสอบนับขั้นตอนที่มีความสำคัญ เพราะเป็นเครื่องชี้วัดคุณภาพของสายไฟฟ้า ทางบริษัทฯ ได้มีเครื่องมือทดสอบที่ได้มาตรฐาน และการรับรองตามมาตรฐานสากล ทำให้เป็นการรับประกันได้ว่าสายไฟฟ้า ที่ทางบริษัทได้ผลิตส่งออกไปยังลูกค้า นั้น ได้คุณภาพแน่นอน

## CERTIFICATES

### Thai Industrial Standard Institute



TIS 11-2553  
TIS 11 part 101-2559  
TIS 85-2548  
TIS 293-2541  
TIS 2202-2547



TIS 64-2517  
TIS 118-2522  
TIS 2143-2546  
TIS 386-2531  
TIS 2341-2555  
TIS 838-2531

### MASCI



ISO 9001  
OHSAS 18001  
TIS 18001

### TUV

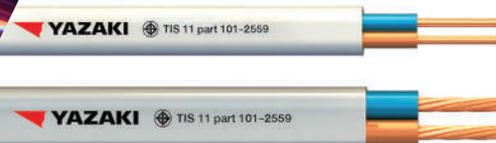


Flame Retardant with Low Smoke and Zero Halogen Cable  
Fire Resistant, Flame Retardant with Low Smoke and Zero Halogen Cable

### BUREAU VERITAS



ISO 14001



**BUILDING WIRES AND CABLES**

60227 IEC 01 THW	2
60227 IEC 02 THW(f) OR 60227 IEC 02 THW(f) TWIST	3
60227 IEC 05 IV	4
60227 IEC 06 IV	5
THWA	6
60227 IEC 10	7
60227 IEC 53	8
VAF	9
VAF-G	10
YK NYY OR NYY	11
NYY-G	12
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VCT-G	14

**LOW VOLTAGE POWER CABLES**

YK FD-0.6/1KV-CV OR FD-0.6/1KV-CV	16
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**CONTROL CABLE**

CVV	18
CVV-S	19

**MEDIUM VOLTAGE POWER CABLES**

1.8/3(3.6)KV-CV	22
3.6/6(7.2)KV-CV	23
6/10(12)KV-CV	24
8.7/15(17.5)KV-CV	25
12/20(24)KV-CV	26
18/30(36)KV-CV	27

**HIGH-VOLTAGE POWER CABLES**

69KV-CE	30
115KV-CE	31

**FIRE RESISTANCE AND FLAME RETARDANT****LOW SMOKE HALOGEN FREE CABLES**

0.6/1 KV-FRLH-IE	34
FDLH-0.6/1KV-CE	35
FDLH-0.6/1KV-CE-AWA	36
FDLH-0.6/1KV-CE-SWA	37
FS/LH-0.6/1KV-XLPE(C)	38
FS/FDLH-0.6/1KV-CE	39
FS/FDLH-0.6/1KV-CE-SWA	40
FDLH-0.6/1KV-CCE	41
FDLH-0.6/1KV-CCE-S	42
FS/FDLH-0.6/1KV-CE-AWA	43
FS/FDLH-0.6/1KV-CCE	44
FS/FDLH-0.6/1KV-CCE-S	45
FS/FDLH-0.6/1KV-CCE-SLA	46



**BUILDING WIRES  
AND CABLES**

## 60227 IEC 01 THW

450/750 V SOLID AND STRANDED CONDUCTOR PVC INSULATED, SINGLE CORE



### CABLE STRUCTURE

**Conductor** : Solid and stranded SIZE 1.5 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride (PVC/C)

**Core identification** : Single core : any color

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
Circuit voltage not exceeding 450/750 volts

**Rated voltage** : 450 Volts between Line to Earth  
: 750 Volts between Line to Line

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS 11 Part 3-2553, Table1

### APPLICATION

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าช่องเดินสาย
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง

Building wiring for installation on insulator or in raceway dry location

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1.5	11.48
2.5	17.50
4	27.60
6	42.00
10	69.02
16	109.70
25	172.60
35	250.50
50	330.00
70	470.00
95	649.50
120	821.74
150	1,017.10
185	1,272.00
240	1,679.14
300	2,084.50
400	2,665.54

# 60227 IEC 02 THW(f) OR 60227 IEC 02 THW(f) TWIST

450/750 V FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



## CABLE STRUCTURE

**Conductor** : Flexible annealed copper wire  
: Size 1.5 mm<sup>2</sup> up to 240 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride (PVC/C)

**Core identification** : Single-core : any color

## TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 450/750 Volts

**Rated voltage** : 450 Volts between Line to Earth  
: 750 Volts between Line to Line

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS Part 3-2553, Table 3

## APPLICATION

- ใช้งานทั่วไป
  - เดินในช่องเดินสายและต้องป้องกันน้ำเข้าช่องเดินสาย
  - ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง
- Building wiring for installation on insulation or in raceway dry location

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1.5	13.30
2.5	20.16
4	30.21
6	52.22
10	83.66
16	119.97
25	181.87

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
	2-Cores
1.5	27.44
2.5	42.42
4	75.00

## 60227 IEC 05 IV

300/500 V 70°C SOLID CONDUCTOR PVC INSULATED, SINGLE CORE



### CABLE STRUCTURE

**Conductor** : Solid annealed copper wire  
: Size 0.5 mm<sup>2</sup> up to 1 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride(PVC/C)

**Core identification** : Single-core : Any color

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 300/500 Volts

**Rated voltage** : 300 Volts between Line to Earth  
: 500 Volts between Line to Line

**Testing voltage** : 2,000 Volts

**Reference standard** : TIS Part 3-2553, Table 3

### APPLICATION

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าช่องเดินสาย
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง

Building wiring for installation on insulation or in raceway dry location

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
0.5	ติดต่อฝ่ายขาย
1	8.12

## 60227 IEC 06 IV

300/500 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED, SINGLE CORE



### CABLE STRUCTURE

**Conductor** : Solid annealed copper wire  
: Size 0.5 mm<sup>2</sup> up to 1 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride(PVC/C)

**Core identification** : Single-core : Any color

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 300/500 Volts

**Rated voltage** : 300 Volts between Line to Earth  
: 500 Volts between Line to Line

**Testing voltage** : 2,000 Volts

**Reference standard** : TIS Part 3-2553, Table 3

### APPLICATION

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันน้ำเข้าช่องเดินสาย
- ห้ามร้อยท่อฝังดินหรือฝังดินโดยตรง

Building wiring for installation on insulation or in raceway dry location

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
0.5	6.86
0.75	8.40
1	10.22

750 V 70°C ALUMINIUM CONDUCTOR PVC INSULATED, SINGLE CORE



**CABLE STRUCTURE**

**Conductor** : Solid and stranded hard draw aluminium wires  
: Sizes 10 mm<sup>2</sup> up to 500 mm<sup>2</sup>

**Insulation** : Black Polyvinyl chloride (PVC)

**TECHNICAL DATA**

**Classification** : Maximum conductor temperature 70 °C  
Circuit voltage not exceeding 750 volts

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS 293-2541, Table1

**APPLICATION**

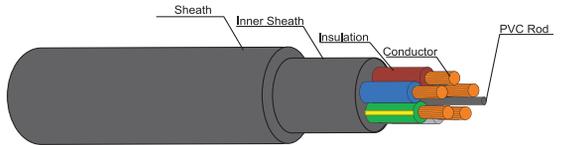
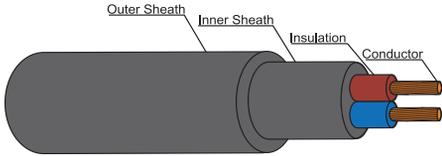
- ใช้เป็นสายจำหน่ายระบบไฟฟ้าแรงต่ำ

For low voltage overhead distribution line

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
10	ติดต่อฝ่ายขาย
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	

## 60227 IEC 10

300/500 V 70°C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND DOUBLE SHEATHED



### CABLE STRUCTURE

**Conductor** : Solid and stranded annealed copper wire  
: Multi-core : Size 1.5 mm<sup>2</sup> up to 35 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride(PVC/C)

**Core identification :**

- 2-cores : Blue, Brown
- 3-cores : Brown, Black, Grey  
or Blue, Brown, Green/Yellow
- 4-cores : Blue, Brown, Black, Grey  
or Brown, Black, Grey and Green/Yellow
- 5-cores : Blue, Brown, Black, Grey and black  
or Blue, Brown, Black, Grey and Green/Yellow

**Inner sheath** : Black Polyvinyl chloride(PVC/C)

**Sheath** : Black Polyvinyl chloride(PVC/ST4)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: circuit voltage not exceeding 300/500 volts

**Rated voltage** : 300 Volts between Line to Earth  
: 500 Volts between Line to Line

**Testing voltage** : 2,000 Volts

**Reference standard** : TIS 11 Part 4-2553, Table 1

### APPLICATION

- ใช้งานทั่วไป
- เดินในช่องเดินสายและต้องป้องกันหน้าเข้าช่องเดินสาย
- วางบนรางเคเบิล
- ห้ามร้อยท่อหรือฝังดินโดยตรง

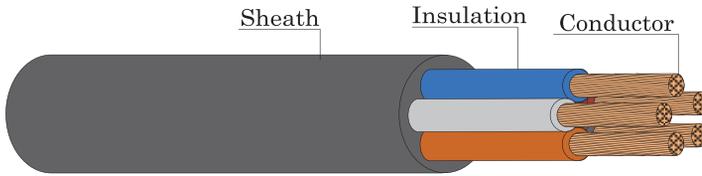
For installation exposed, or in raceway, wet or dry location

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5	67.34	76.86	88.62
2.5	80.64	94.36	110.32
4	114.10	135.73	163.24
6	158.06	196.00	238.70
10	223.72	287.00	364.28
16	316.68	421.40	549.22
25	465.64	644.14	826.56
35	617.54	871.22	1,202.60

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5/1.5	76.86	88.62	125.02
2.5/2.5	94.36	110.32	173.17
4/4	135.73	163.24	255.92
6/6	196.00	238.70	374.08
10/10	287.00	364.28	570.50
16/16	421.40	549.22	851.20

## 60227 IEC 53

300/500 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATHED, ROUND TYPE



### CABLE STRUCTURE

**Conductor :** Flexible annealed copper wire  
: Size 0.75 mm<sup>2</sup> up to 2.5 mm<sup>2</sup>

**Insulation :** Polyvinyl chloride(PVC/D)

#### Core identification :

- 2-cores : Blue, Brown
- 3-cores : Brown, Black, Grey
- 4-cores : Blue, Brown, Black, Grey  
or Brown, Black, Grey and Green/Yellow
- 5-cores : Blue, Brown, Black, Grey and black  
or Blue, Brown, Black, Grey and Green/Yellow

**Sheath :** Black Polyvinyl chloride(PVC/ST5)

### APPLICATION

- ใช้ต่อเข้าเครื่องใช้ไฟฟ้าชนิดหีบขยักได้
- ใช้ต่อเข้าดวงโคม

For home appliances, electrical and illumination.

### TECHNICAL DATA

**Classification :** Maximum conductor temperature 70 °C

**Rated voltage :** 300 Volts between Line to Earth  
: 500 Volts between Line to Line

**Testing voltage :** 2,000 Volts

**Reference standard :** TIS 11 Part 5-2553, Table 9

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
0.75	31.22	39.06	51.94
1	36.54	49.56	61.74
1.5	48.44	61.46	79.52
2.5	77.98	111.16	124.18

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
0.75/0.75	ติดต่อฝ้ายขยัก		
1/1	49.56	61.74	89.60
1.5/1.5	61.46	79.52	111.30
2.5/2.5	111.16	124.18	162.40

## VAF

300/500 V 70 °C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE



### CABLE STRUCTURE

**Conductor** : Solid and stranded annealed copper  
: Size 1 mm<sup>2</sup> up to 16 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride (PVC/C)

**Core identification**  
2-cores : Blue, Brown

**Sheath** : White polyvinyl chloride (PVC/ST4)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 300/500 volts.

**Rated voltage** : 300 Volts between Line to Earth  
: 500 Volts between Line to Line

**Testing voltage** : 2,000 Volts

**Reference standard** : TIS 11 Part 101-2553 Table 1

### APPLICATION

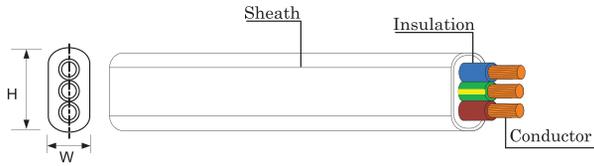
- เดินเกาะผนัง
- เดินในช่องเดินสาย
- ห้ามร้อยท่อ ห้ามฝังดิน

Building wiring for surface or above ceiling wiring or direct embed in plaster.

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1	11.60
1.5	16.75
2.5	27.05
4	41.90
6	66.70
10	107.85
16	167.15

## VAF-G

300/500 V 70 °C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND SHEATH, FLAT TYPE



### CABLE STRUCTURE

**Conductor** : Solid and stranded annealed copper  
 : Size 1 mm<sup>2</sup> up to 16 mm<sup>2</sup> for phase wires  
 : Size 1 mm<sup>2</sup> up to 16 mm<sup>2</sup> for ground wire

**Insulation** : Polyvinyl chloride (PVC/C)

**Core identification**  
 2-cores : Blue, Brown and Green/Yellow

**Sheath** : White polyvinyl chloride (PVC/ST4)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
 : Circuit voltage not exceeding 300/500 volts.

**Rated voltage** : 300 Volts between Line to Earth  
 : 500 Volts between Line to Line

**Testing voltage** : 2,000 Volts

**Reference standard** : TIS 11 Part 101-2559 Table 1

### APPLICATION

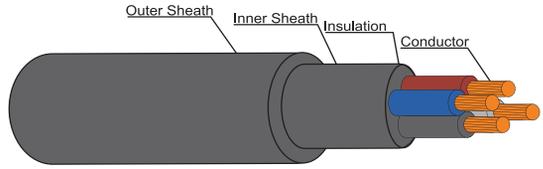
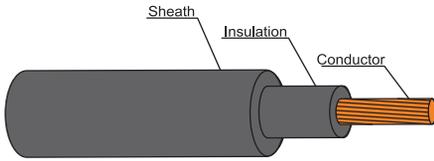
- เดินเกาะผนัง
- เดินในช่องเดินสาย
- หุ้มร้อยท่อ หุ้มฝังดิน

Building wiring for surface or above ceiling wiring  
 or direct embeded in plaster.

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1/1	34.44
1.5/1.5	45.08
2.5/2.5	63.00
4/4	99.26
6/6	150.22
10/10	222.60
16/16	346.92

## YK NYY OR NYY

450/750 V 70°C SOLID AND STRANDED CONDUCTOR PVC INSULATED AND DOUBLE SHEATHED



### CABLE STRUCTURE

**Conductor** : Solid and stranded annealed copper wire  
 : Single core : Size 1 mm<sup>2</sup> up to 500 mm<sup>2</sup>  
 : Multi core : Size 50 mm<sup>2</sup> up to 300 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride(PVC/C)

**Core identification** : Single-core : Black  
 2-cores : Blue, Brown  
 3-cores : Brown, Black, Grey  
 4-cores : Blue, Brown, Black, Grey

**Inner sheath (multi core)** : Black Polyvinyl chloride(PVC/C)

**Sheath** : Black Polyvinyl chloride(PVC/ST4)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
 : Circuit voltage not exceeding 450/750 Volts

**Rated voltage** : 450 Volts between Line to Earth  
 : 750 Volts between Line to Line

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS Part 101-2559, Table 3  
 TIS Part 101-2559, Table 4

### APPLICATION

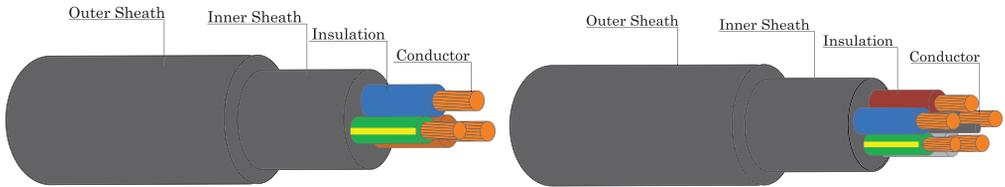
- ใช้งานทั่วไป
- วางบนรางเคเบิล
- ร้อยท่อฝังดินหรือฝังดินโดยตรง

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1	31.50	63.13	71.44	81.34
1.5	35.00	70.64	80.63	92.96
2.5	40.88	84.43	98.80	115.50
4	55.16	119.46	142.11	170.91
6	82.32	165.17	204.82	249.44
10	98.70	232.89	298.77	379.22
16	138.32	327.12	435.30	567.35
25	202.44	480.07	664.10	852.18
35	274.40	636.06	897.36	1,238.68
50	363.58	882.42	1,224.58	1,561.00
70	493.92	1,247.40	1,657.18	2,170.00
95	663.60	1,680.00	2,319.66	3,017.00
120	851.20	2,086.00	2,928.80	3,816.40
150	1,044.40	2,562.00	3,564.40	4,673.20
185	1,299.20	3,203.20	4,438.00	5,864.60
240	1,692.60	4,188.80	5,803.00	7,726.60
300	2,109.80	5,213.60	7,190.40	9,590.00
400	2,699.20			
500	3,537.80			

## NYY-G

450/750 V 70°C STRANDED CONDUCTOR PVC INSULATED AND DOUBLE SHEATHED WITH GROUND



### CABLE STRUCTURE

**Conductor** : Stranded annealed copper wire  
 : Size 25 mm<sup>2</sup> up to 300 mm<sup>2</sup> for phase wires  
 : Size 16 mm<sup>2</sup> up to 150 mm<sup>2</sup> for ground wires

**Insulation** : Polyvinyl chloride(PVC/C)

**Core identification :**

2-cores+Ground : Blue, Brown+Green/Yellow  
 3-cores+Ground : Brown, Black, Grey+Green/Yellow  
 4-cores+Ground : Blue, Brown, Black, Grey+Green/Yellow

**Inner sheath** : Black Polyvinyl chloride(PVC/C)

**Sheath** : Black Polyvinyl chloride(PVC/ST4)

### APPLICATION

- ใช้งานทั่วไป
- วางบนรางเคเบิล
- ร้อยท่อฝังดินหรือฝังดินโดยตรง

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
 : Circuit voltage not exceeding 450/750 Volts

**Rated voltage** : 450 Volts between Line to Earth  
 : 750 Volts between Line to Line

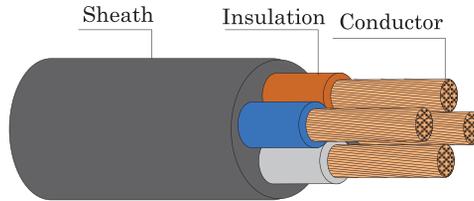
**Testing voltage** : 2,500 Volt

**Reference standard** : TIS Part 101-2559, Table 5

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1/1	71.44	81.34	115.58
1.5/1.5	80.63	92.96	130.65
2.5/2.5	98.80	115.50	180.43
4/4	142.11	170.91	266.41
6/6	204.82	249.44	389.05
10/10	298.77	379.22	592.75
16/16	459.55	595.35	903.91
25/16	631.04	803.60	1,247.26
35/16	849.84	1,176.21	1,797.60
50/25	1,223.57	1,533.00	2,317.00
70/35	1,612.27	2,143.09	3,206.00
95/50	2,240.08	2,953.34	4,417.00
120/70	2,818.20	3,763.35	5,509.00
150/95	3,480.60	4,588.81	6,776.00
185/95	4,247.60	5,736.51	8,421.00
240/120	5,524.40	7,561.55	10,990.00
300/150	6,899.12	9,365.89	13,699.00

## VCT

450/750 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATHED, ROUND TYPE



### CABLE STRUCTURE

**Conductor** : Flexible annealed copper  
 : Single-core : Size 4 mm<sup>2</sup> up to 35 mm<sup>2</sup>  
 : Multi-core : Size 4 mm<sup>2</sup> up to 35 mm<sup>2</sup>

**Insulation** : Polyvinyl chloride(PVC/D)

#### Core identification

2-cores : Blue, Brown  
 3-cores : Brown, Black, Grey  
 4-cores : Blue, Brown, Black, Grey

**Sheath** : Black Polyvinyl chloride(PVC/ST5)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
 : Circuit voltage not exceeding 450/750 Volts

**Rated voltage** : 450 Volts between Line to Earth  
 : 750 Volts between Line to Line

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS Part 101-2559, Table 7

### APPLICATION

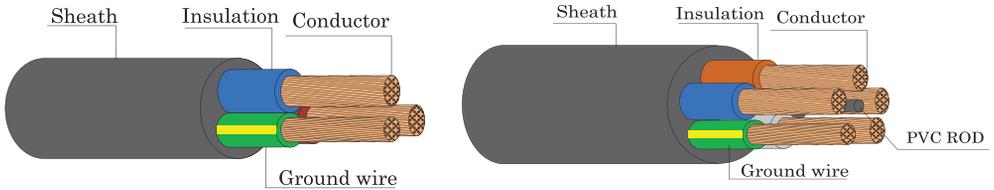
- งานทั่วไป
- ใช้ต่อเข้าเครื่องใช้ไฟฟ้า
- วางบนรางเคเบิล
- ร้อยท่อฝังดินหรือฝังดินโดยตรง

For mobile-electrical equipment used in mines, factories, farm or household appliances.  
 This cable is suitable for use in place where cable come in contact with oils.

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1	37.86	51.34	63.97
1.5	50.04	63.49	82.14
2.5	80.43	114.66	128.09
4	111.30	140.56	178.50
6	158.06	205.66	267.68
10	273.42	358.82	469.70
16	392.00	530.60	679.56
25	618.10	799.40	1,023.96
35	819.14	1,117.20	1,425.20

## VCT-G

450/750 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATHED WITH GROUND, ROUND TYPE



### CABLE STRUCTURE

**Conductor** : Flexible annealed copper  
 : Size 4 mm<sup>2</sup> up to 35 mm<sup>2</sup> for phase wires  
 : Size 4 mm<sup>2</sup> up to 16 mm<sup>2</sup> for ground wires

**Insulation** : Polyvinyl chloride(PVC/D)

#### Core identification

2 Cores+Ground : Blue, Brown + Green/Yellow  
 3-cores : Brown, Black, Grey + Green/Yellow  
 4-cores : Blue, Brown, Black, Grey + Green/Yellow

**Sheath** : Black Polyvinyl chloride(PVC/ST5)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
 : Circuit voltage not exceeding 450/750 Volts

**Rated voltage** : 450 Volts between Line to Earth  
 : 750 Volts between Line to Line

**Testing voltage** : 2,500 Volts

**Reference standard** : TIS Part 101-2559, Table 8

### APPLICATION

- งานทั่วไป
- ใช้ต่อเข้าเครื่องใช้ไฟฟ้า
- วางบนรางเคเบิล
- ร้อยท่อฝังดินหรือฝังดินโดยตรง

For mobile-electrical equipment used in mines, factories, farm or household appliances.  
 This cable is suitable for use in places where cable come in contact with oils.

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1/1	51.34	63.97	93.52
1.5/1.5	63.49	82.14	116.02
2.5/2.5	114.66	128.09	169.06
4/4	140.56	178.50	247.72
6/6	205.66	267.68	420.63
10/10	358.82	469.70	637.00
16/16	530.60	679.56	903.00
25	777.17	1,008.81	1,316.00
35	1,078.46	1,389.79	1,841.00

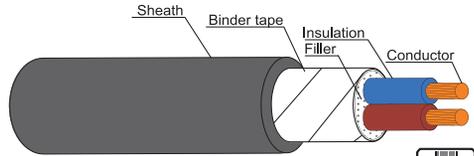
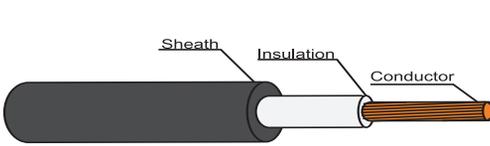


**LOW VOLTAGE  
POWER CABLES**

# YK FD-0.6/1KV-CV OR FD-0.6/1KV-CV



0.6/1 kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED FLAME RETARDANT POWER CABLE



## CABLE STRUCTURE

**Conductor :** Non-compacted and compacted round annealed copper  
 : Single-core : Size 1.5 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi core : Size 1.5 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation :** Cross-Linked polyethylene (XLPE)

### Core identification

Single-cores : Natural (Translucent)  
 2-cores : Blue, Brown  
 3-cores : Brown, Black, Grey  
 4-cores : Blue, Brown, Black, Grey

**Sheath :** Black flame retardant polyvinyl chloride (PVC/ST2)

## TECHNICAL DATA

**Classification :** Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 1,200 volts.

**Rated voltage :** 600 Volts between Line to Earth  
 : 1,000 Volts between Line to Line

**Testing Voltage :** 3,500 Volts

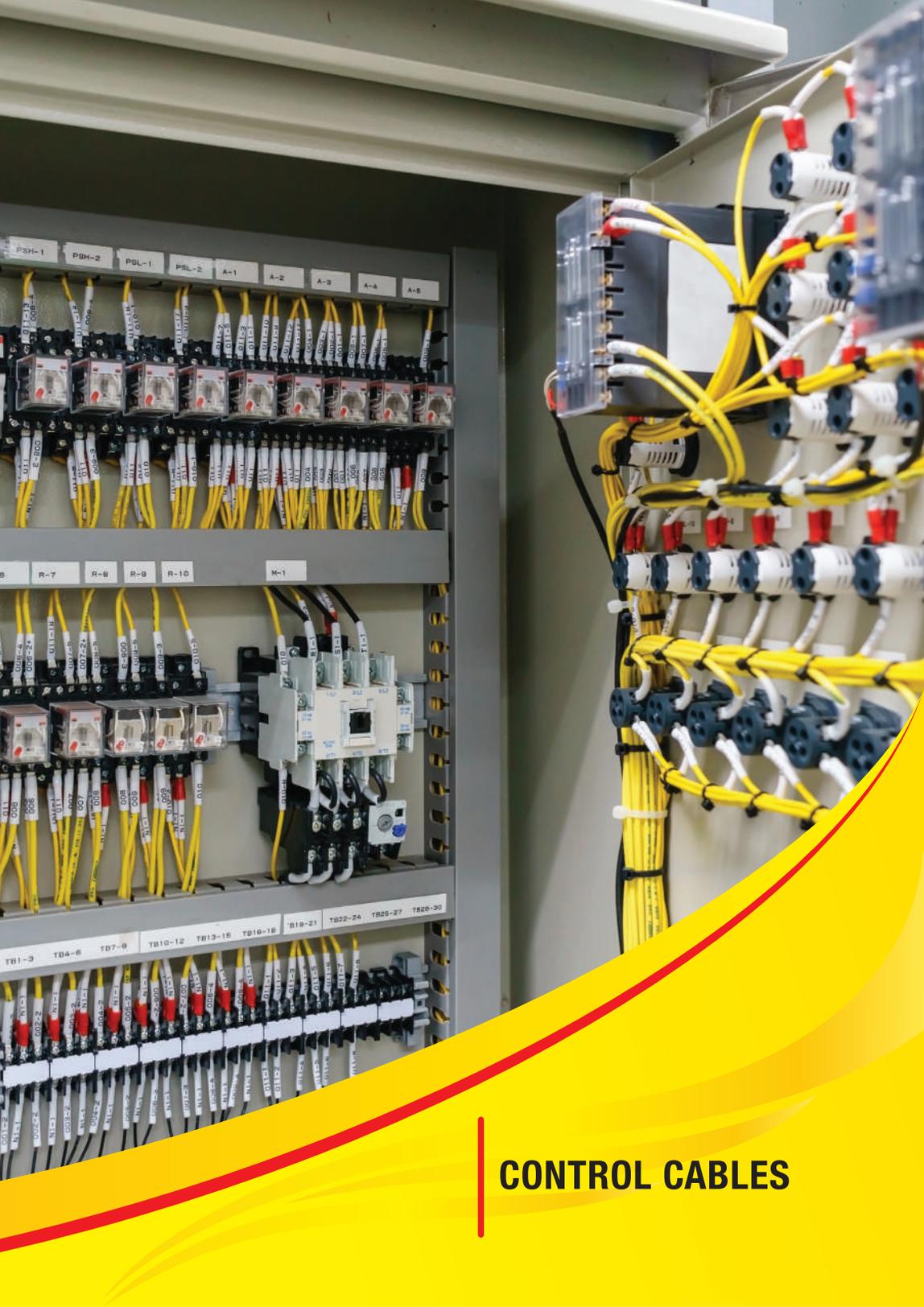
**Reference standard :** IEC 60502-1, IEC 60228, IEC 60332-1  
 IEC 60332-3-24 (Cat.C)

## APPLICATION

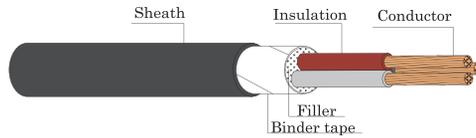
- ฟังดินโดยตรง
- ร้อยท่อฝังดิน
- ร้อยท่อฝังผนังคอนกรีต, ร้อยท่อเดินใต้ฝ้าอาคาร
- เดินเกาะผนัง, เดินบนฉนวนลูกถ้วย
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1.5	ติดต่อฝ้ายขาย			
2.5	36.81	83.36	104.23	128.65
4	46.45	105.59	135.87	169.39
6	60.86	138.24	179.79	225.47
10	80.40	177.03	243.42	330.46
16	119.74	273.49	372.54	487.86
25	181.23	425.33	576.73	754.07
35	263.03	574.17	780.99	1,022.52
50	338.80	765.74	1,051.81	1,394.22
70	474.85	1,062.26	1,485.15	1,962.88
95	655.17	1,463.63	2,032.03	2,704.55
120	830.76	1,844.99	2,586.18	3,438.60
150	1,067.96	2,264.88	3,181.82	4,237.60
185	1,335.60	2,814.42	3,993.82	5,334.70
240	1,763.10	3,680.04	5,213.99	6,985.59
300	2,188.73	4,613.21	6,530.44	9,116.62
400	2,698.98	5,871.33	8,515.46	11,503.09
500	3,604.54			
630	4,609.05			
800	5,780.42			
1000	7,619.98			



## CONTROL CABLES


**CABLE STRUCTURE**

**Conductor :** Flexible annealed copper wire

**Insulation :** Polyvinyl chloride(PVC/D)

**Core identification**

- 2-cores : Blue, Brown
- 3-cores : Brown, Black, Grey
- 4-cores : Blue, Brown, Black, Grey

**More than 4 Cores :**

Black with marking numbers, colored white, printed continuously throughout the whole length of insulated wires for the purpose of core identification.

**Filler :** polypropylene (non-hygroscopic material)

**Binder tape and Separator tape :** Spunbond tape

**Sheath :** Black Polyvinyl chloride(PVC)

**TECHNICAL DATA**

**Classification :** Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 600 volts.

**Testing voltage :** 2,000 Volts

**Reference standard :** THAI YAZAKI STANDARD

**APPLICATION**

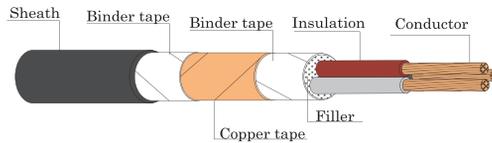
- ใช้เดินในวงจรควบคุม
- เดินลอยในอากาศ
- เดินร้อยท่อเกาะผนัง
- ร้อยท่อฝังดิน
- เดินบนรางเคเบิล

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in the dry or wet cable trenches.

No. of Cores	Baht/m. (บาท/เมตร)				
	Size (mm <sup>2</sup> )				
	0.75	1	1.5	2.5	4
2 C	48.02	51.10	56.42	76.30	104.72
3 C	53.34	58.66	69.02	96.32	132.02
4 C	66.92	69.16	83.72	119.42	175.84
5 C	81.62	91.00	106.68	152.88	213.50
6 C	91.77	107.45	129.15	189.70	266.98
7 C	96.32	109.90	132.02	192.92	278.46
8 C	141.00	147.49	178.99	253.12	351.47
9 C	144.50	148.68	181.16	257.32	368.48
10 C	148.00	160.16	196.56	282.52	406.00
11 C	151.62	178.50	220.43	325.50	470.54
12 C	153.86	180.04	221.90	326.48	479.08
13 C	169.19	195.37	245.63	364.56	536.41
14 C	170.52	196.70	246.96	366.24	540.54
15 C	181.02	213.78	271.88	406.07	614.60
16 C	183.12	215.46	273.00	409.50	624.26
17 C	202.12	232.68	301.32	436.76	661.82
18 C	205.62	242.48	310.98	474.28	704.80
19 C	208.18	246.12	314.30	478.66	724.36
20 C	233.24	275.59	346.08	525.49	794.78
21 C	234.78	278.46	351.26	531.44	800.80
22 C	253.92	301.88	379.78	587.34	868.18
23 C	257.42	306.36	390.28	603.86	890.16
24 C	260.26	307.58	393.12	615.16	906.36
25 C	280.60	329.00	422.42	664.16	973.64
26 C	286.90	332.08	432.92	672.28	996.84
27 C	289.38	334.88	437.36	678.16	1,011.08
28 C	306.70	357.52	465.68	728.24	1,077.54
29 C	307.40	362.70	476.18	739.16	1,105.12
30 C	309.40	366.38	478.66	744.38	1,113.84

## CVV-S

600 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH WITH SHIELD CONTROL CABLE



### CABLE STRUCTURE

**Conductor** : Flexible annealed copper wire

**Insulation** : Polyvinyl chloride(PVC/D)

#### Core identification

2-cores : Blue, Brown

3-cores : Brown, Black, Grey

4-cores : Blue, Brown, Black, Grey

#### More than 4 Cores :

Black with marking numbers, colored white, printed continuously throughout the whole length of insulated wires for the purpose of core identification.

**Filler** : polypropylene (non-hygroscopic material)

**Binder tape and Separator tape** : Spunbond tape

**Shield** : Copper tape

**Sheath** : Black Polyvinyl chloride(PVC)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 70 °C  
: Circuit voltage not exceeding 600 volts.

**Testing voltage** : 2,000 Volts

**Reference standard** : THAI YAZAKI STANDARD

### APPLICATION

- ใช้เดินในวงจรควบคุม
- เดินลอยในอากาศ
- เดินร้อยท่อเกาะผนัง
- ร้อยท่อฝังดิน
- เดินบนรางเคเบิล

For supervisory electrical equipment, station control circuits, outdoor, suitable installation in the dry or wet cable trenches.

No. of Cores	Baht/m. (บาท/เมตร)				
	Size (mm <sup>2</sup> )				
	0.75	1	1.5	2.5	4
2 C	87.92	91.91	102.48	127.82	169.68
3 C	96.32	104.72	117.18	152.60	203.84
4 C	112.84	119.42	138.32	182.00	246.96
5 C	132.02	142.38	163.24	222.04	293.02
6 C	145.25	161.91	190.61	261.59	351.33
7 C	152.88	167.44	198.38	267.54	367.64
8 C	177.17	201.25	233.31	315.21	440.23
9 C	187.46	207.06	240.24	334.88	456.82
10 C	205.66	223.86	262.08	365.82	513.24
11 C	215.25	236.67	284.55	393.75	555.45
12 C	222.04	243.88	293.02	407.68	569.66
13 C	239.96	265.44	313.18	443.52	638.89
14 C	243.88	273.00	322.14	451.36	666.12
15 C	255.78	292.53	347.13	496.86	727.16
16 C	262.08	296.66	356.72	505.96	746.20
17 C	277.44	313.60	379.02	535.64	780.74
18 C	283.74	326.20	390.08	567.56	812.52
19 C	293.02	334.88	396.76	582.40	837.20
20 C	308.63	352.03	421.26	635.46	912.80
21 C	320.32	362.18	433.16	658.84	946.40
22 C	336.10	382.06	459.52	707.74	1,024.10
23 C	343.80	390.74	471.42	728.46	1,039.08
24 C	356.72	405.86	489.58	742.56	1,082.90
25 C	369.88	423.50	512.92	780.22	1,142.68
26 C	378.98	432.18	524.82	796.74	1,164.66
27 C	389.48	438.62	536.90	813.54	1,186.64
28 C	401.00	453.28	569.48	861.60	1,253.04
29 C	407.30	464.06	581.38	873.92	1,280.62
30 C	413.14	475.02	595.14	886.34	1,297.66

# NOTE

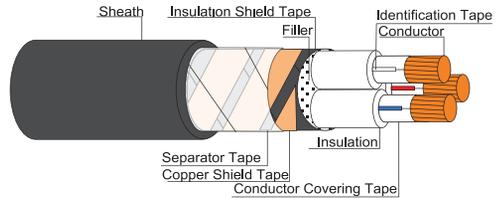
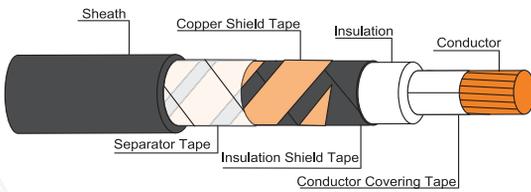
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**MEDIUM VOLTAGE  
POWER CABLES**

## 1.8/3(3.6) KV-CV

1.8/3(3.6) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 10 mm<sup>2</sup> up to 400 mm<sup>2</sup>  
 : Multi-core : Size 10 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Shield** : Copper tape

**Sheath** : Black flame retardant polyvinyl chloride (PVC/ST2)

### APPLICATION

- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 3,300 volts.

**Rated voltage** : 1,800 Volts between Line to Earth  
 : 3,000 Volts between Line to Line

**Testing voltage** : 6,500 Volts

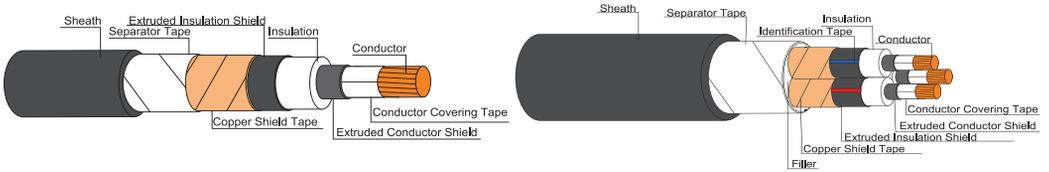
**Reference standard** : IEC 60502-1, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
10	177.38	471.24
16	225.40	620.90
25	294.00	829.78
35	360.36	1,036.70
50	449.12	1,337.98
70	595.00	1,775.20
95	774.20	2,336.60
120	960.40	2,905.00
150	1,156.40	3,519.60
185	1,416.80	4,331.60
240	1,817.20	5,558.00
300	2,237.20	6,865.60
400	2,805.60	8,612.80
500		

### 3.6/6(7.2) KV-CV

3.6/6(7.2) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



#### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 10 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-core : Size 10 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Shield** : Copper tape

**Sheath** : Black polyvinyl chloride (PVC/ST2)

#### APPLICATION

- ฝังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

#### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 7200 volts.

**Rated voltage** : 3,600 Volts between Line to Earth  
 : 6,000 Volts between Line to Line

**Testing voltage** : 12,500 Volts

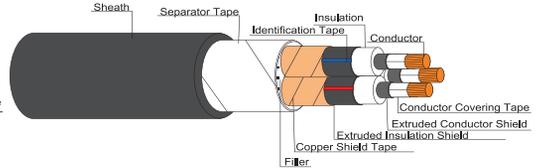
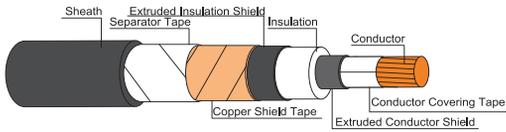
**Reference standard** : IEC 60502-2, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced  
 : \*Insulation shield shall be applied semi-conductive tape

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
10	222.60	697.20
16	277.20	851.20
25	343.00	1,072.40
35	418.60	1,297.80
50	511.00	1,618.40
70	651.00	2,055.20
95	827.40	2,622.20
120	1,005.20	3,186.40
150	1,212.40	3,759.00
185	1,479.80	4,505.20
240	1,902.60	5,765.20
300	2,340.80	7,084.00
400	2,935.80	9,052.40
500	3,714.20	

## 6/10(12) KV-CV

6/10(12) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 16 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-core : Size 16 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Shield** : Copper tape

**Sheath** : Black polyvinyl chloride (PVC/ST2)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 12,200 volts.

**Rated voltage** : 6,000 Volts between Line to Earth  
 : 10,000 Volts between Line to Line

**Testing voltage** : 21,000 Volts

**Reference standard** : IEC 60502-2, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced

### APPLICATION

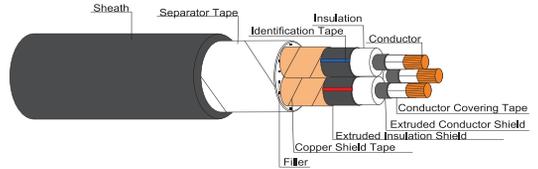
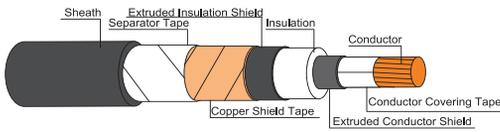
- ฟังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
16	344.40	1,066.80
25	414.40	1,300.60
35	491.40	1,542.80
50	592.20	1,867.60
70	739.20	2,346.40
95	922.60	2,942.80
120	1,104.60	3,501.40
150	1,297.80	4,081.00
185	1,566.60	4,963.00
240	1,999.20	6,304.20
300	2,445.80	7,686.00
400	3,061.80	9,585.80

## 8.7/15(17.5) KV-CV

8.7/15(17.5) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 25 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-core : Size 25 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Shield** : Copper tape

**Sheath** : Black polyvinyl chloride (PVC/ST2)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 17,500 volts.

**Rated voltage** : 8,700 Volts between Line to Earth  
 : 15,000 Volts between Line to Line

**Testing voltage** : 30,500 Volts

**Reference standard** : IEC 60502-2, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced

### APPLICATION

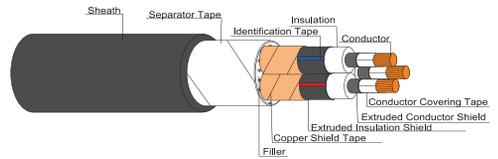
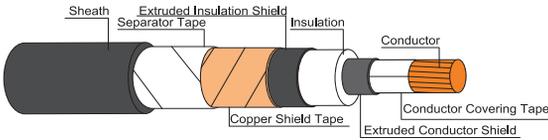
- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
25	473.20	1,510.60
35	555.80	1,761.20
50	653.80	2,116.80
70	807.80	2,585.80
95	995.40	3,179.40
120	1,181.60	3,913.00
150	1,367.80	4,432.40
185	1,629.60	5,201.00
240	2,069.20	6,508.60
300	2,515.80	8,045.80
400	3,137.40	9,800.00

## 12/20(24) KV-CV

12/20(24) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 35 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-core : Size 35 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Shield** : Copper tape

**Sheath** : Black polyvinyl chloride (PVC/ST2)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 24,000 volts.

**Rated voltage** : 12,000 Volts between Line to Earth  
 : 20,000 Volts between Line to Line

**Testing voltage** : 42,000 Volts

**Reference standard** : IEC 60502-2, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced

### APPLICATION

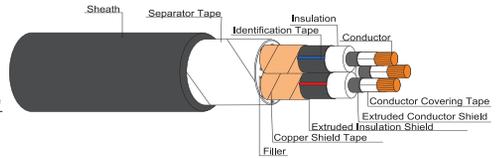
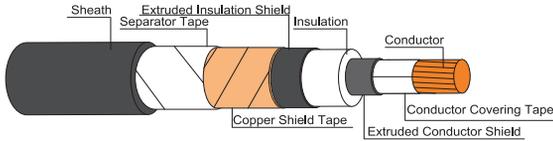
- ฟังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
35	613.20	1,971.20
50	721.00	2,312.80
70	868.00	2,794.40
95	1,059.80	3,463.60
120	1,254.40	4,057.20
150	1,439.20	4,663.40
185	1,692.60	5,513.20
240	2,121.00	7,071.40
300	2,580.20	8,339.80
400	3,201.80	10,113.60

## 18/30(36) KV-CV

18/30(36) kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED PVC SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor** : Compacted round annealed copper  
 : Single-core : Size 35 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-core : Size 35 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
 Single-cores : Natural (Translucent)  
 3-cores : White, Red, Blue

**Sheath** : Black polyvinyl chloride (PVC/ST2)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 36,000 volts.

**Rated voltage** : 18,000 Volts between Line to Earth  
 : 30,000 Volts between Line to Line

**Testing voltage** : 63,000 Volts

**Reference standard** : IEC 60502-2, IEC 60228, IEC 60332-1

**Remark** : Special protection can be produced

### APPLICATION

- มุ่งดินโดยตรง
- ร้อยท่อมุ่งดิน
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)	
	1-Core	3-Cores
35	842.80	2,773.40
50	886.20	2,935.80
70	1,044.40	3,505.60
95	1,244.60	4,132.80
120	1,436.40	4,774.00
150	1,643.60	5,398.40
185	1,906.80	6,213.20
240	2,318.40	7,802.20
300	2,734.20	9,307.20
400	3,374.00	11,145.40

# NOTE

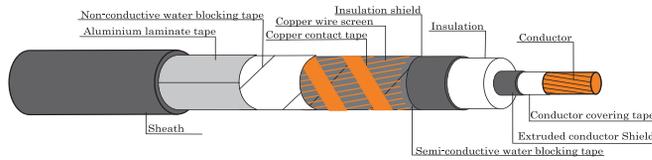
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**HIGH VOLTAGE  
POWER CABLES**

## 69KV-CE

69 kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED WITH COPPER WIRE SCREEN AND POLYETHYLENE SHEATHED POWER CABLE



### CABLE STRUCTURE

**Conductor :** Compact concentric stranded uncoated annealed copper conductor  
 : Single-core : Size 400 mm<sup>2</sup> up to 800 mm<sup>2</sup>

**Insulation :** Cross-Linked polyethylene (XLPE)

**Core identification :**  
 Single-cores : Natural (Translucent)

**Sheath :** Polyethylene (PE)

### TECHNICAL DATA

**Classification :** Maximum conductor temperature 90 °C

**Rated voltage :** 90,000 Volts

**Testing voltage :** 30,500 Volts

**Reference standard :** TIS 2202, TIS 2427  
 (IEC 60840, IEC 60228)

### APPLICATION

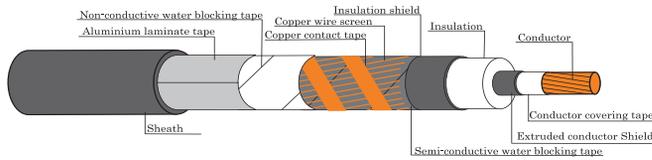
- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- ร้อยท่อฟังผนังคอนกรีต, ร้อยท่อเดินใต้ฝ้าอาคาร
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m.
400/95	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
500/95	
630/95	
800/120	

# 115KV-CE

115 kV 90 °C CROSS-LINKED POLYETHYLENE INSULATED WITH COPPER WIRE SCREEN AND POLYETHYLENE SHEATHED POWER CABLE



## CABLE STRUCTURE

- Conductor :** Compact concentric stranded uncoated annealed copper conductor  
 : Single-core : Size 400 mm<sup>2</sup> up to 800 mm<sup>2</sup>
- Insulation :** Cross-Linked polyethylene (XLPE)
- Core identification :**  
 Single-cores : Natural (Translucent)
- Sheath :** Polyethylene (PE)

## TECHNICAL DATA

- Classification :** Maximum conductor temperature 90 °C
- Testing voltage :** 160,000 Volts
- Reference standard :** TIS 2202, TIS 2427  
 (IEC 60840, IEC 60228)

## APPLICATION

- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- ร้อยท่อฟังผนังคอนกรีต, ร้อยท่อเดินใต้ฝ้าอาคาร
- เดินใน Cable tray, Cable Ladder

For installation exposed, or in raceway, wet or dry location, or direct burial in ground

Size (mm <sup>2</sup> )	Baht/m.
400/95	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
500/95	
630/95	
800/120	

# NOTE

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**FIRE RESISTANCE AND  
FLAME RETARDANT  
LOW SMOKE HALOGEN FREE CABLES**

## 0.6/1KV-FRLH-IE

600/1000V 90 °C CROSS-LINKED POLYETHYLENE INSULATED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE



### CABLE STRUCTURE

- Conductor** : Non-compacted and compacted round annealed copper
- Insulation** : Flame retardant Low smoke & halogen free Cross-linked polyethylene (LSHF-XLPE : EI5)
- Core identification**  
Single-cores : Black or Orange

### TECHNICAL DATA

- Classification** : Maximum conductor temperature 90 °C  
: Circuit voltage not exceeding 1,200 Volts
- Rated voltage** : 600 Volts between Line to Earth  
: 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference standard**  
**Construction** : BS EN 50525-3-41  
**Flame retardant** : IEC 60332-1-2  
BS EN IEC 60332-3-22 Category A  
BS EN IEC 60332-3-23 Category B  
BS EN IEC 60332-3-24 Category C
- Acid gas emission** : BS EN 60754-1, BS EN 60754-2  
**Smoke emission** : BS EN 61034-2  
**Non-toxic gases** : Defence standard 02-713

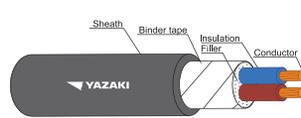
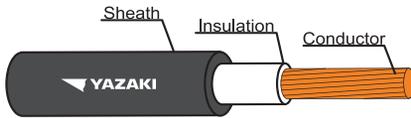
### APPLICATION

For fixed installation in electrical cabinet, conduit and wire way which provide flame retardant, low smoke and non toxic emission under fire.  
- เดินในราง Wire way - เดินร้อยท่อฝังผนัง, ใต้ฝ้า

Size(mm <sup>2</sup> )	Baht/m.
1.5	สนใจติดต่อ ฝ่ายขายหรือ ตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	

## FDLH-0.6/1KV-CE

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE



### CABLE STRUCTURE

**Conductor** : Non-Compacted and compacted round annealed copper

**Insulation** : Cross Linked polyethylene (XLPE)

#### Core identification

Single-core : Natural (Translucent)  
 2-cores : Blue, Brown  
 3-cores : Brown, Black, Grey  
 4-cores : Blue, Brown, Black, Grey

**Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

### APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

- เดินร้อยท่อ - เดินในราง Wire way - เดินใน Cable Tray, Cable Ladder

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90°C  
 : Circuit voltage not exceeding 1,200 Volts

**Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1,000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

#### Reference Standard

**Construction** : IEC 60502-1  
**Flame retardant** : IEC 60332-1-2  
 IEC 60332-3-22 Category A  
 IEC 60332-3-23 Category B  
 IEC 60332-3-24 Category C

**Acid gas emission** : IEC 60754-1, IEC 60754-2

**Smoke emission** : IEC 61034-2

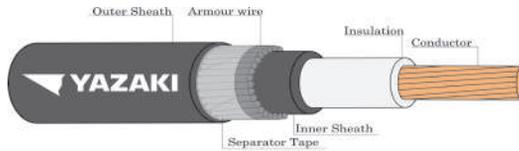
**Non-toxic gases** : Defence standard 02-713

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1.5				
2.5				
4				
6				
10				
16				
25				
35				
50				
70				
95				
120				
150				
185				
240				
300				
400				
500				
630				
800				
1000				

สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย

## FDLH-0.6/1KV-CE-AWA

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH ALUMINIUM WIRE ARMORED FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



### CABLE STRUCTURE

**Conductor** : Non-compacted and compacted round annealed copper

**Insulation** : Cross-Linked polyethylene (XLPE)

**Core identification** :  
Single-cores : Natural (Translucent)

**Inner Sheath** : Black Low smoke and zero halogen flame retardant polyolefin(ST8)

**Armor** : Galvanized steel wires

**Sheath** : Black Low smoke and zero halogen flame retardant polyolefin(ST8)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 1,200 Volts

**Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1,000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

#### Reference Standard

**Construction** : IEC 60502-1, BS 6724

**Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C

**Acid gas emission** : IEC 60754-1, IEC 60754-2

**Smoke emission** : IEC 61034-2

**Non-toxic gases** : Defence standard 02-713

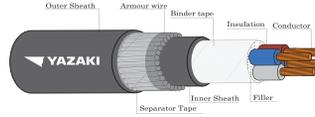
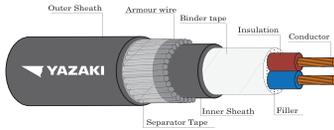
### APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อ ฝ่ายขายหรือ ตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	
800	
1000	

## FDLH-0.6/1KV-CE-SWA

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH GALVANIZED STEEL WIRE ARMORED FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



### CABLE STRUCTURE

**Conductor** : Non-compacted and compacted round annealed copper

**Insulation** : Cross-Linked polyethylene (XLPE)

#### Core identification

- 2-cores : Blue, Brown
- 3-cores : Brown, Black, Grey
- 4-cores : Blue, Brown, Black, Grey

**Inner Sheath** : Black Low smoke and zero halogen flame retardant polyolefin(ST8)

**Armor** : Galvanized steel wires

**Sheath** : Black Low smoke and zero halogen flame retardant polyolefin(ST8)

### APPLICATION

For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 1,200 Volts

**Rated voltage** : 600 Volts between Line to Earth

**Rated voltage** : 1,000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

#### Reference Standard

**Construction** : IEC 60502-1, BS 6724

**Flame retardant** : IEC 60332-1-2

IEC 60332-3-22 Category A

IEC 60332-3-23 Category B

IEC 60332-3-24 Category C

**Acid gas emission** : IEC 60754-1, IEC 60754-2

**Smoke emission** : IEC 61034-2

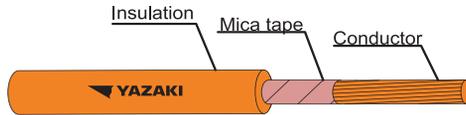
**Non-toxic gases** : Defence standard 02-713

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5			
2.5			
4			
6			
10			
16			
25			
35			
50			
70			
95			
120			
150			
185			
240			
300			
400			

สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย

# FS/LH-0.6/1KV-XLPE(C)

600/1000V 90 °C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE



## CABLE STRUCTURE

**Conductor** : Non-compacted and compacted round annealed copper

**Fire barrier tape** : Mica tape

**Insulation** : Flame retardant Low smoke & halogen free Cross-linked polyethylene (LSHF-XLPE : EI5)

**Core identification**  
Single-cores : Orange

## TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
: Circuit voltage not exceeding 600/1000 Volts

**Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

### Reference Standard

**Construction** : BS EN 50525-3-41  
**Circuit integrity** : BS 6387 Category C,W,Z  
**Flame retardant** : BS EN 60332-1-2  
: BS EN IEC 60332-3-22 Category A  
: BS EN IEC 60332-3-23 Category B  
: BS EN IEC 60332-3-24 Category C

**Acid gas emission** : BS EN 60754-1, BS EN 60754-2

**Smoke emission** : BS EN 61034-2

**Non-toxic gases** : Defence standard 02-713

## APPLICATION

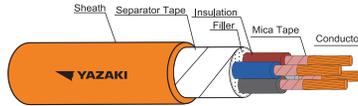
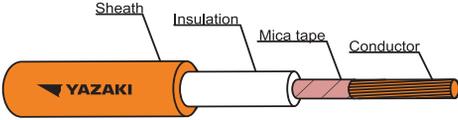
For fixed installation in electrical cabinet, conduit, trench and tray which provide flame retardant, low smoke & corrosive gases properties and main circuit integrity under fire.

Size(mm <sup>2</sup> )	Baht/m.
1.5	สนใจติดต่อ ฝ่ายขายหรือ ตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	
500	
630	

# FS/FDLH-0.6/1KV-CE



0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FIRE RESISTANCE FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN POWER CABLE



## CABLE STRUCTURE

**Conductor** : Non-compacted and compacted round annealed copper  
 : Single-core : Size 1.5 mm<sup>2</sup> up to 1000 mm<sup>2</sup>  
 : Multi-cores : Size 1.5 mm<sup>2</sup> to 400 mm<sup>2</sup>

**Fire barrier tape** : Mica tape

**Insulation** : Cross-Linked polyethylene (XLPE)

### Core identification

Single-core : Natural (Translucent)  
 2-cores : Blue, Brown  
 3-cores : Brown, Black, Grey  
 4-cores : Blue, Brown, Black, Grey

**Sheath** : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

## APPLICATION

- เดินร้อยท่อ
- เดินในราง Wire way
- เดินใน Cable Tray, Cable Ladder

For installation into open tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and maintain circuit integrity in case of fire.

## TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 1,200 volts.

**Rated voltage** : 600 Volts between Line to Earth  
 : 1,000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

### Reference Standard

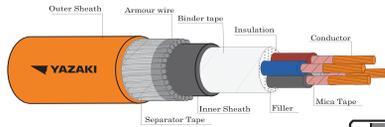
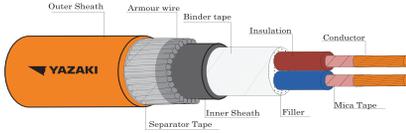
**Construction** : IEC 60502-1  
**Circuit integrity** : BS 6387 Category C,W,Z  
**Flame retardant** : BS EN 60332-1-2  
 IEC 60332-3-22 Category A  
 IEC 60332-3-23 Category B  
 IEC 60332-3-24 Category C  
**Acid gas emission** : IEC 60754-1, IEC 60754-2  
**Smoke emission** : IEC 61034-2  
**Non-toxic gases** : Defence standard 02-713

Size (mm <sup>2</sup> )	Baht/m. (บาท/เมตร)			
	1-Core	2-Cores	3-Cores	4-Cores
1,5				
2.5				
4				
6				
10				
16				
25				
35				
50				
70				
95				
120				
150				
185				
240				
300				
400				
500				
630				
800				
1000				

สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย

# FS/FDLH-0.6/1KV-CE-SWA

0.6/1 KV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH GALVANIZED STEEL WIRE ARMORED  
 FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



## CABLE STRUCTURE

**Conductor** : Non-compacted and compacted round annealed copper  
 : Multi-cores : Size 1.5 mm<sup>2</sup> up to 400 mm<sup>2</sup>

**Fire barrier tape** : Mica tape

**Insulation** : Cross-Linked polyethylene (XLPE)

### Core identification

- 2-cores : Blue, Brown
- 3-cores : Brown, Black, Grey
- 4-cores : Blue, Brown, Black, Grey

**Inner sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

**Armor** : Galvanized steel wires

**Sheath** : Orange low smoke and halogen flame retardant polyolefin (ST8)

## TECHNICAL DATA

**Classification** : Maximum conductor temperature 90 °C  
 : Circuit voltage not exceeding 1,200 volts.

**Rated voltage** : 600 Volts between Line to Earth  
 : 1,000 Volts between Line to Line

**Testing voltage** : 3,500 Volt

### Reference Standard

- Construction** : IEC 60502-1, BS 7846
- Circuit integrity** : BS 6387 Category C,W,Z
- Flame retardant** : BS EN 60332-1-2

- IEC 60332-3-22 Category A
- IEC 60332-3-23 Category B
- IEC 60332-3-24 Category C

- Acid gas emission** : IEC 60754-1, IEC 60754-2
- Smoke emission** : IEC 61034-2
- Non-toxic gases** : Defence standard 02-713

## APPLICATION

- เดินร้อยท่อ
- เดินในราง Wire way
- เดินใน Cable Tray, Cable Ladder

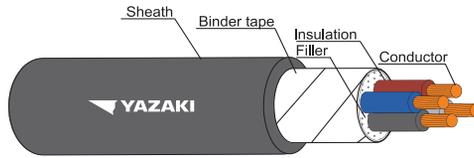
For installation into open tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and maintain circuit integrity in case of fire

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)		
	2-Cores	3-Cores	4-Cores
1.5			
2.5			
4			
6			
10			
16			
25			
35			
50			
70			
95			
120			
150			
185			
240			
300			
400			

สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย

# FDLH-0.6/1KV-CCE

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN CONTROL CABLE



## CABLE STRUCTURE

- Conductor** : Stranded annealed copper
- Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**
  - 2 cores : Blue, Brown
  - 3 cores : Brown, Black, Grey
  - 4 cores : Blue, Brown, Black, Grey

More than 4 cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification

**Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

## TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C  
Circuit voltage not exceeding 1,200 Volts
- Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference Standard**
  - Construction** : IEC 60502-1
  - Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C
  - Acid gas emission** : IEC 60754-1, IEC 60754-2
  - Smoke emission** : IEC 61034-2
  - Non-oxic gases** : Defence standard 02-713

## APPLICATION

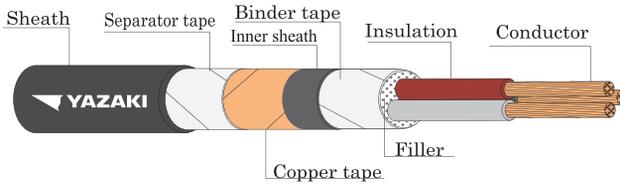
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Bah/m. (บาท/เมตร)			
	Nominal cross sectional area (mm <sup>2</sup> )			
	1.5	2.5	4	6
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

สนใจติดต่อฝ่ายขายหรือตัวแทนจำหน่าย

## FDLH-0.6/1KV-CCE-S

0.6/1 kV 90°C CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL CABLE



### CABLE STRUCTURE

- Conductor** : Stranded annealed copper
- Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**
  - 2 cores : Blue, Brown
  - 3 cores : Brown, Black, Grey
  - 4 cores : Blue, Brown, Black, Grey

More than 4 cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification

**Inner Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

**Shield** : Copper tape

**Outer Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)

### TECHNICAL DATA

**Classification** : Maximum conductor temperature 90°C  
Circuit voltage not exceeding 1,200 Volts

**Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1000 Volts between Line to Line

**Testing voltage** : 3,500 Volts

#### Reference Standard

- Construction** : IEC 60502-1, BS 6724
- Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C
- Acid gas emission** : IEC 60754-1, IEC 60754-2
- Smoke emission** : IEC 61034-2
- Non-oxic gases** : Defence standard 02-713

### APPLICATION

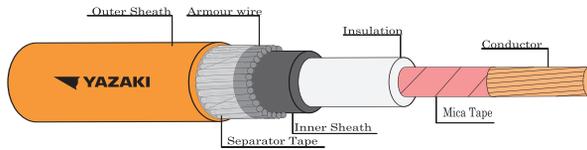
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm <sup>2</sup> )			
	1.5	2.5	4	6
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

สนใจติดต่อฝ่ายขาย  
หรือตัวแทนจำหน่าย

## FS/FDLH-0.6/1KV-CE-AWA

0.6/1 KV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED, WITH ALUMINIUM WIRE ARMORED FIRE RESISTANT FLAME RETARDANT, LOW SMOKE AND ZERO HALOGEN POWER CABLE



### CABLE STRUCTURE

- Conductor** : Non-Compacted and compacted round annealed copper
- Fire barrier tape** : Mica tape  
**Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**  
 Single-core : Natural (Translucent)
- Inner Sheath**: Black Low smoke and zero halogen flame retardant polyolefin (ST8)
- Armor** : Aluminium wires
- Outer Sheath** : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

### TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C  
 : Circuit voltage not exceeding 1,200 volts
- Rated voltage** : 600 Volts between Line to Earth  
**Rated voltage** : 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference Standard**  
**Construction** : IEC 60502-1  
**Circuit integrity** : BS 6387 Category C,W,Z  
**Flame retardant** : BS EN 60332-1-2  
 IEC 60332-3-22 Category A  
 IEC 60332-3-23 Category B  
 IEC 60332-3-24 Category C
- Acid gas emission** : IEC 60754-1, IEC 60754-2  
**Smoke emission** : IEC 61034-2  
**Non-toxic gases** : Defence standard 02-713

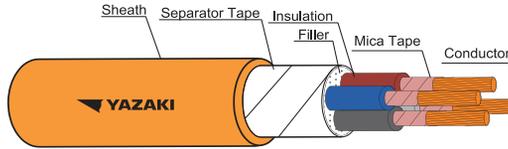
### APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Size(mm <sup>2</sup> )	Baht/m. (บาท/เมตร)
1.5	สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย
2.5	
4	
6	
10	
16	
25	
35	
50	
70	
95	
120	
150	
185	
240	
300	
400	

## FS/FDLH-0.6/1KV-CCE

**0.6/1 kV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN CONTROL CABLE**



### CABLE STRUCTURE

- Conductor** : Stranded annealed copper
- Fire barrier tape** : Mica tape
- Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**
  - 2 cores : Blue, Brown
  - 3 cores : Brown, Black, Grey
  - 4 cores : Blue, Brown, Black, Grey
- More than 4 cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the propose of core identification
- Sheath** : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

### TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 1,200 volts
- Rated voltage** : 600 Volts between Line to Earth
- Rated voltage** : 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference Standard**
  - Construction** : IEC 60502-1
  - Circuit integrity** : BS 6387 Category C,W,Z
  - Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C
  - Acid gas emission** : IEC 60754-1, IEC 60754-2
  - Smoke emission** : IEC 61034-2
  - Non-toxic gases** : Defence standard 02-713

### APPLICATION

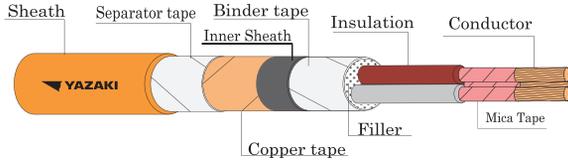
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm <sup>2</sup> )			
	1.5	2.5	4	6
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				

สนใจติดต่อฝ่ายขายหรือตัวแทนจำหน่าย

# FS/FDLH-0.6/1KV-CCE-S

0.6/1 KV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL CABLE



## CABLE STRUCTURE

- Conductor** : Stranded annealed copper
- Fire barrier tape** : Mica tape
- Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**
  - 2 cores : Blue, Brown
  - 3 cores : Brown, Black, Grey
  - 4 cores : Blue, Brown, Black, Grey
- More than 4 cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the purpose of core identification
- Inner Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)
- Shield** : Copper tape
- Outer Sheath** : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

## TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 1,200 volts
- Rated voltage** : 600 Volts between Line to Earth
- Rated voltage** : 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference Standard**
  - Construction** : IEC 60502-1
  - Circuit integrity** : BS 6387 Category C,W,Z
  - Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C
- Acid gas emission** : IEC 60754-1, IEC 60754-2
- Smoke emission** : IEC 61034-2
- Non-toxic gases** : Defence standard 02-713

## APPLICATION

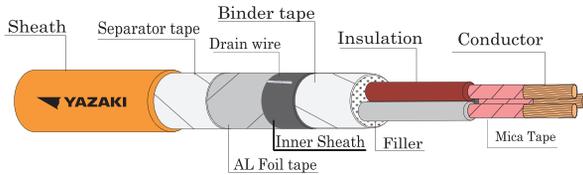
For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

Number of core	Baht/m. (บาท/เมตร)			
	Nominal cross sectional area (mm <sup>2</sup> )			
	1.5	2.5	4	6
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
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สนใจติดต่อฝ่ายขายหรือตัวแทนจำหน่าย

# FS/FDLH-0.6/1KV-CCE-SLA

0.6/1 KV 90°C MICA TAPE CROSS-LINKED POLYETHYLENE INSULATED POLYOLEFIN SHEATHED FIRE RESISTANT FLAME RETARDANT WITH LOW SMOKE AND ZERO HALOGEN SHIELDED CONTROL CABLE



## CABLE STRUCTURE

- Conductor** : Stranded annealed copper
- Fire barrier tape** : Mica tape
- Insulation** : Cross-Linked polyethylene (XLPE)
- Core identification**
  - 2 cores : Blue, Brown
  - 3 cores : Brown, Black, Grey
  - 4 cores : Blue, Brown, Black, Grey
- More than 4 cores : White with marking numbers, colored black, printed continuously throughout the whole length of insulated wires for the purpose of core identification
- Inner Sheath** : Black Low smoke and zero halogen flame retardant polyolefin (ST8)
- Shield** : Laminated aluminium bonded with polyester tape and drain wire
- Outer Sheath** : Orange Low smoke and zero halogen flame retardant polyolefin (ST8)

## APPLICATION

For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

## TECHNICAL DATA

- Classification** : Maximum conductor temperature 90°C  
: Circuit voltage not exceeding 1,200 volts
- Rated voltage** : 600 Volts between Line to Earth
- Rated voltage** : 1,000 Volts between Line to Line
- Testing voltage** : 3,500 Volts
- Reference Standard**
  - Construction** : IEC 60502-1
  - Circuit integrity** : BS 6387 Category C,W,Z
  - Flame retardant** : IEC 60332-1-2  
IEC 60332-3-22 Category A  
IEC 60332-3-23 Category B  
IEC 60332-3-24 Category C
- Acid gas emission** : IEC 60754-1, IEC 60754-2
- Smoke emission** : IEC 61034-2
- Non-toxic gases** : Defence standard 02-713

Number of core	Baht/m. (บาท/เมตร)	
	Nominal cross sectional area (mm <sup>2</sup> )	
	1.5	2.5
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

สนใจติดต่อฝ่ายขายหรือตัวแทนจำหน่าย



# NOTE

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