

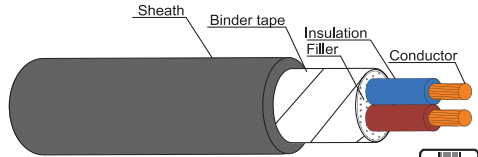
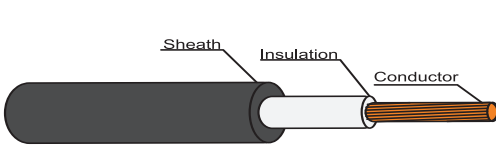


**LOW VOLTAGE
POWER CABLES**

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 mm² up to 1000 mm²
 : Multi core : Size 1.5 mm² up to 400 mm²

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

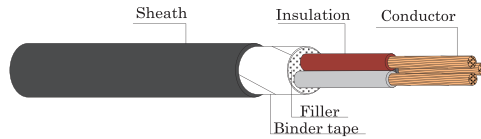
- ฝังดินโดยตรง
- ร้อยท่อฝังดิน
- ร้อยท่อฝังผนังคอนกรีต, ร้อยท่อเดินใต้ฝ้าอาคาร
- เดินเกาะผนัง, เดินบนฉนวนลูกถ้วย
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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

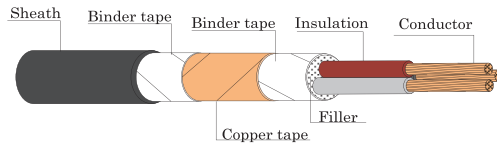
- ใช้เดินในวงจรควบคุม
- เดินลอยในอากาศ
- เดินร้อยท่อเกาะผนัง
- ร้อยท่อฝังดิน
- เดินบนรางเคเบิล

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 ²) | | | | |
| | 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 ²) | | | | |
| | 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

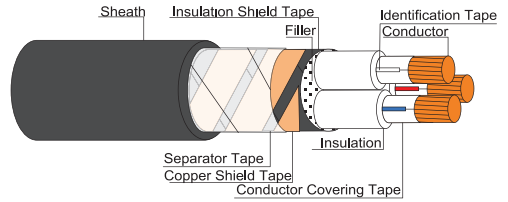
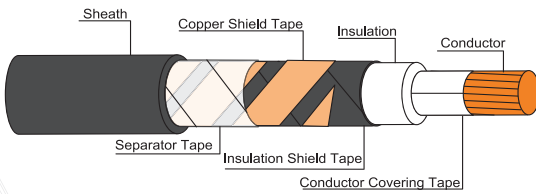
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**MEDIUM VOLTAGE
POWER CABLES**

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 mm² up to 400 mm²
 : Multi-core : Size 10 mm² up to 400 mm²

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

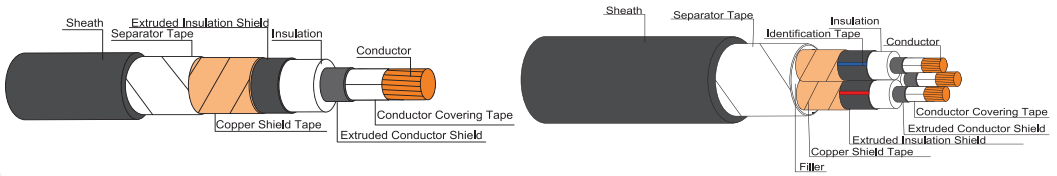
Reference standard : IEC 60502-1, IEC 60228, IEC 60332-1

Remark : Special protection can be produced

| Size (mm ²) | 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 mm² up to 1000 mm²
 : Multi-core : Size 10 mm² up to 400 mm²

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 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

APPLICATION

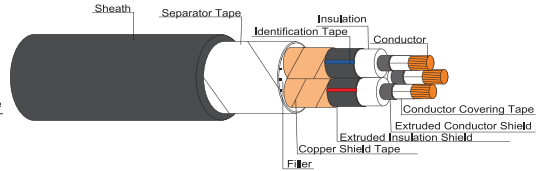
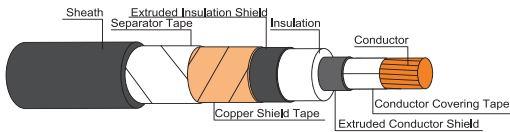
- ฝังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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 mm² up to 1000 mm²
 : Multi-core : Size 16 mm² up to 400 mm²

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

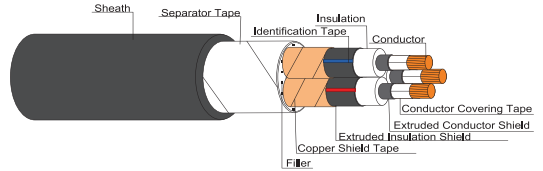
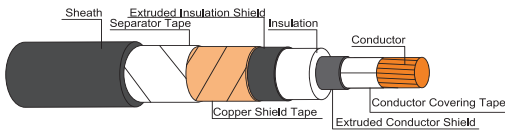
- ฟังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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 mm² up to 1000 mm²
 : Multi-core : Size 25 mm² up to 400 mm²

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

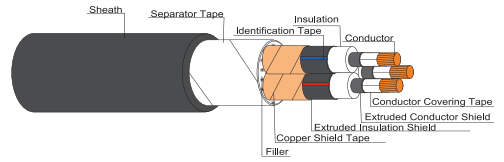
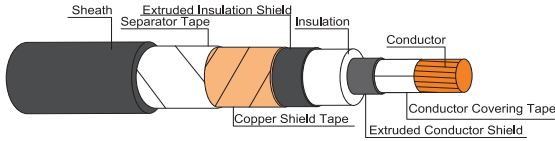
- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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 mm² up to 1000 mm²
 : Multi-core : Size 35 mm² up to 400 mm²

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

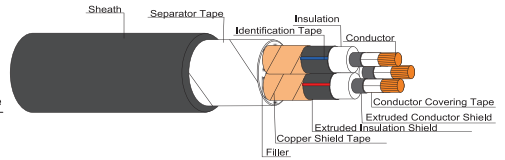
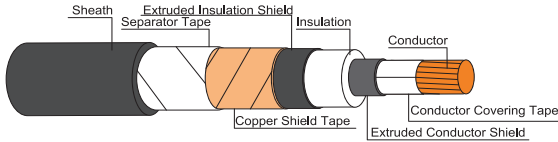
- ฟังดินโดยตรง
- ร้อยท่อฝังดิน
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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 mm² up to 1000 mm²
 : Multi-core : Size 35 mm² up to 400 mm²

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 ²) | 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

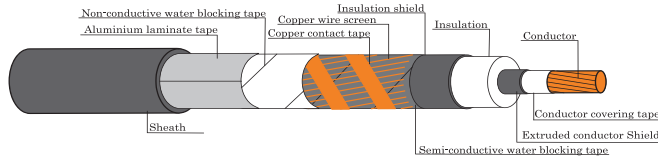
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**HIGH VOLTAGE
POWER CABLES**

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 mm² up to 800 mm²

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

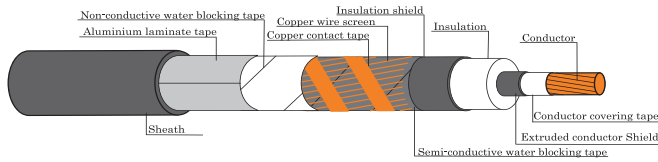
- ฟังดินโดยตรง
- ร้อยท่อฟังดิน
- ร้อยท่อฟังผนังคอนกรีต, ร้อยท่อเดินใต้ฝ้าอาคาร
- เดินใน Cable tray, Cable Ladder

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

| Size (mm ²) | 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 mm² up to 800 mm²
- 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 ²) | Baht/m. |
|-------------------------|-------------------------------------|
| 400/95 | สนใจติดต่อฝ่ายขาย หรือตัวแทนจำหน่าย |
| 500/95 | |
| 630/95 | |
| 800/120 | |

NOTE

A series of horizontal dotted lines for writing notes.



**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

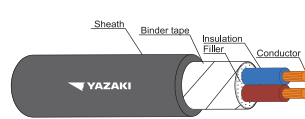
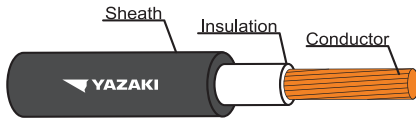
APPLICATION

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 ²) | 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

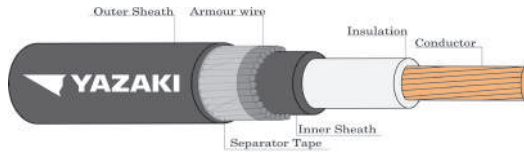
Non-toxic gases : Defence standard 02-713

| Size(mm ²) | 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

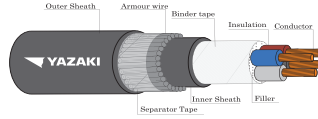
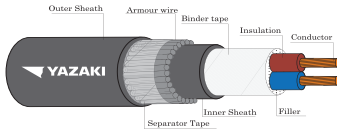
APPLICATION

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 ²) | 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

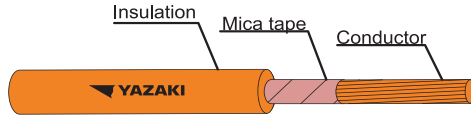
Non-toxic gases : Defence standard 02-713

| Size(mm ²) | 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

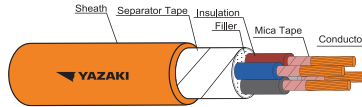
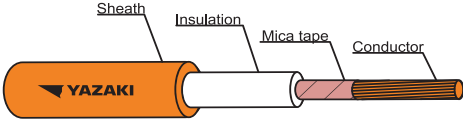
Non-toxic gases : Defence standard 02-713

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 ²) | 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 | |

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 mm² up to 1000 mm²
 : Multi-cores : Size 1.5 mm² to 400 mm²

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)

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

APPLICATION

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

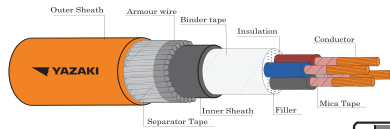
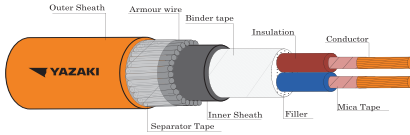
For installation into open tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and maintain circuit integrity in case of fire.

| Size (mm ²) | 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 mm² up to 400 mm²

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

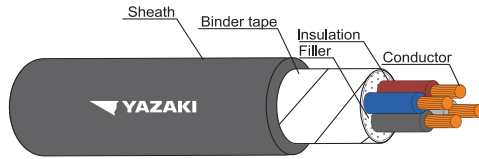
For installation into open tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and maintain circuit integrity in case of fire

| Size(mm ²) | 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

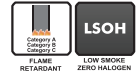
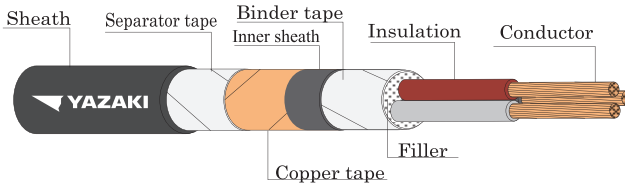
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

| Number of core | Bah/m. (บาท/เมตร) | | | |
|----------------|---|-----|---|---|
| | Nominal cross sectional area (mm ²) | | | |
| | 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

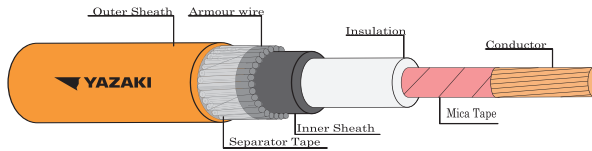
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

| Number of core | Baht/m. (บาท/เมตร) | | | |
|----------------|---|-----|---|---|
| | Nominal cross sectional area (mm ²) | | | |
| | 1.5 | 2.5 | 4 | 6 |
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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

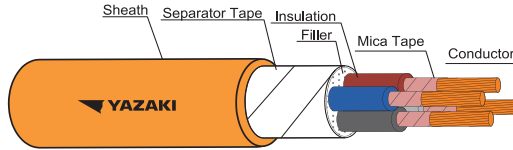
APPLICATION

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 ²) | Baht/m. (บาท/เมตร) |
|------------------------|-------------------------------------|
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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

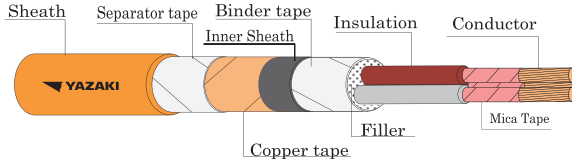
For installed into tray, conduit, underground duct trench or direct burial in ground which provide flame retardant, low smoke and non toxic emission under fire.

| Number of core | Baht/m. (บาท/เมตร) | | | |
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| | Nominal cross sectional area (mm ²) | | | |
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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

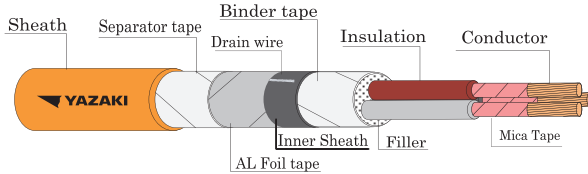
For installation into conduit and surface wiring which provide flame retardant, low smoke & corrosive gases properties and maintain circuit integrity in case of fire.

| Number of core | Baht/m. (บาท/เมตร) | | | |
|----------------|---|-----|---|---|
| | Nominal cross sectional area (mm ²) | | | |
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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 ²) | |
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สนใจติดต่อฝ่ายขายหรือตัวแทนจำหน่าย

NOTE

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Thai-Yazaki Electric Wire Co.,Ltd.

Head Office/Sale Office:

21st Floor, O-NES Tower, 6 Sukhumvit Soi 6,
Klongtoey Sub-District, Klongtoey District, Bangkok 10110
Tel: +66(0) 2653-2550 Ext: 145,165 Fax: +66(0) 2653-2613
Email: smb_marketing@th.yazaki.com



Website

Factory:

283 Moo 1, Suksawad Road, Bangplakot, Phrasamut Chedi,
Samutprakarn, 10290
Tel: +66(0) 2463-0058



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Website: <https://www.thaiyazaki-electricwire.co.th/>

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