

## TX 1550nm 2x7mW CATV/MATV External Modulated Optical Transmitter

### ACE-WT1550EM



#### Product Summary:

ACE-WT1550EM TX 1550nm 2x7mW CATV/MATV External Modulated Optical Transmitter adopt top-international brand external modulated laser and external modulator, SBS control circuit. Overall indexes reach to well-known brand types level, and price is inexpensive. We have sold thousands of products over the years. The products save plenty of costs for operator's network construction and get many users' good reputation.

#### Features & Benefits:

- Optical Power 2x7mW
- Optical Wavelength : 1545~1560nm
- Rated input level : 78~96dBμV
- OMI Control Range : +/- 3dB
- Double microwave source SBS control, +13~+19dBm adjustable
- MGC adjustable range : 0~15dB
- Power consumption : ≤ 60W
- Operating temperature : -5°C~+45°C
- Voltage : AC 90V~260V
- 19" 1U standard rack 483mm x 395mm x 44mm

#### Specifications:

Item	Unit	Value
Optical Wavelength	nm	1545~1560nm
Side-mode Suppression ratio	dB	>30
Relative Intensity Noise	dB/Hz	<-160
Wavelength Adjustment Range	GHz	+/-50GHz
Optical Power	dBm	2x7mW
SBS Threshold Value	dBm	+13~+19 (Continuously adjustable)
Laser Linewidth	MHz	0.3
RF range	MHz	47~870
RF flatness	dB	+/-0.75
RF return loss	dB	>16
RF input impedance	Ω	75
RF input connector type		F type
Rated input level	dBμV	80
Input level range	dBμV	78~96 (AGC mode, modulating signal)
AGC control range	dB	+3~-3
MGC adjustable range	dB	0~15
Optical connector		SC/APC, FC/APC
Operating temperature	°C	-5~45
Storage temperature	°C	-30~+70
Power Source Specification	V	90~265VAC
Consumption	W	≤60
Dimension	mm	483(L) × 455(W) × 44(H)
Total Weight	kg	5.5

