

## OT55S OPTICAL TRANSMITTER (1550nm)

### Features

- High stable SBS control (13dBm/16dBm/18dBm)
- Front Panel LCD display working parameter that can be adjusted by the keypad of front panel
- Front Panel LED display working status and alarm
- RS485 monitoring interface
- Optimizing design, high reliability

### Applications

- CATV network



### Specifications

Parameter		Specification	Unit
Optical Performance			
Operating Wavelength Range		1550±5	nm
Optical Power (#1 or #2 output port)	Min	7	dBm
Return Loss	Min	60	dB
Fiber Connector		SC/APC	
RF Characteristics			
Operating Bandwidth		47~862	MHz
Input Level		75~80	dBμV/ch
Band Flatness	Typ	±0.75	dB
Input Impedence	Typ	75	Ω
Return Loss	Min	16	dB
Connector Type		F type	
Optical Link Performance			
CNR <sup>1</sup>	Min	52	dB
C/CSO <sup>1</sup>	Min	65	dB
C/CTB <sup>1</sup>	Min	65	dB
SBS Threshold Value		13/16/18	dBm
Electrical Specifications			
Power Voltage		90~260	VAC
Power Consumption	Max	100	W
Environmental Conditions & Others			
Operating Temperature Range		0~+50	°C
Storage Temperature Range		-25~+60	°C
Package Dimension (L*W*H)		480*350*49	mm

1. Tested with OT55S-16, 16dBm EDFA (NF: 5dB), 65km fiber and receiver.

### Order Information

#### OT55S – A

A	SBS Threshold Value	13: 13dBm 16: 16dBm 18: 18dBm
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