

1550 TRANSMITTER [OT-860-1550-xx-SA-x-x]

Fiber Products, Transmitters

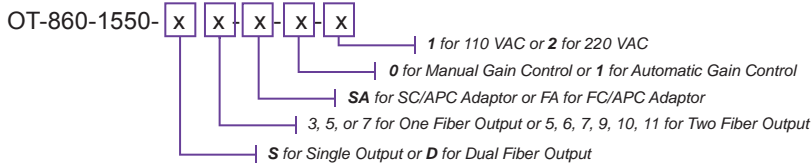


Features

- 1550 nm Externally Modulated Optical Transmitter
- RF Bandwidth: 54–860 MHz
- Headend 19 in. Rack Mount Enclosure
- LCD Status and Alarm Monitor Indicators on Front Panel
- Network Interface Port: RJ45, R232 Support IE & SNMP
- Power Supply of 110~250 VAC
- Power Consumption of ≤ 50 W
- Operating Temperature of 0 to 65 °C (32 to 149 °F)
- Storage Temperature of -20 to 70 °C (-4 to 158 °F)
- Dimensions (LxWxH) of 483 x 385 x 44 mm (19 x 14 x 1.75 in.)
- DFB Laser Type. Laser Range 5~9 dBm (4~8 mW)
- Front Panel RF Test Port -20 dB



Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OT-860-1550-Sx-SA-x-x	1550 nm Optical Transmitter, Single Fiber	3 kg / 7 lb	3, 5, or 7
OT-860-1550-Dx-SA-x-x	1550 nm Optical Transmitter, Dual Fiber	3 kg / 7 lb	5, 7, 9, 10, or 11

Optical Features

Output Wavelength	1550 nm
Laser Type	DFB
Optical Output Power	See table below
Optical Return Loss	≥ 60 dB
Optic Connector Type	Std: SC/APC or Option: FC/APC

RF Features

RF Bandwidth	54–860 MHz
RF Input Level	23 dBmV
RF Flatness	$\leq \pm 0.75$ dB
RF Return Loss	> 16 dB
RF Input Impedance	75 ohm
Connector Type	F type

Link Performance

CNR	≥ 52 dB
CTB	≤ -65 dBc
CSO	≤ -65 dBc

Model		dBm		SBS Restrain dBm	CNR (dB)	CTB (dBc)	CSO (dBc)
OT-860-1550-S3-SA-x-x	Single Fiber Output	> 3		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-S5-SA-x-x	Single Fiber Output	> 5		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-S7-SA-x-x	Single Fiber Output	> 7		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D5-SA-x-x	Dual Fiber Output	> 5		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D6-SA-x-x	Dual Fiber Output	> 6		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D7-SA-x-x	Dual Fiber Output	> 7		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D9-SA-x-x	Dual Fiber Output	> 9		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D10-SA-x-x	Dual Fiber Output	> 10		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65
OT-860-1550-D11-SA-x-x	Dual Fiber Output	> 11		13, 16, 18 Adjustable	≥ 52	≥ -65	≥ -65

Service Warranty: Three Years