

# 1550 TRANSMITTER [OT860-1550-xx-SA-x-x]

Fiber Products, Transmitters

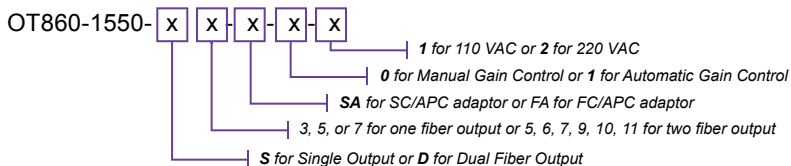


## Features

- 1550 nm externally modulated optical transmitter
- RF bandwidth: 54–860 MHz
- Headend 19 inch 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°C (32°F) to 65°C (149°F)
- Storage Temperature of -20°C (-4°F) to 70°C (158°F)
- Dimensions (LxWxH) of 483 x 385 x 44mm (19 x 14 x 1.75 in)
- DFB laser type. Laser Range 5~9 dBm (4~8mW)
- Front Panel RF test port -20dB



## Ordering Information



Model Number	Description	Box Weight	Output Power (dBm)
OT860-1550-Sx-SA-x-x	Optical 1550 Transmitter, single fiber	3 kgs / 7 lbs	3, 5, or 7
OT860-1550-Dx-SA-x-x	Optical 1550 Transmitter, double fiber	3 kgs / 7 lbs	5, 7, 9, 10, or 11

## Optical Features

Output Wavelength	1550 nm
Laser Type	DFB
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	≤±0.75 dB
RF Return Loss	>16 dB
RF Input Impedance	75 ohm
Connector Type	F type

**Link Performance**

<b>CNR</b>	≥52 dB
<b>CTB</b>	≤-65 dBc
<b>CSO</b>	≤-65 dBc

Model	dBm	SBS Restrain dBm	CNR	CTB	CSO
OT860-1550-S3-SA-x-x	One fiber output > 3	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-S5-SA-x-x	One fiber output > 5	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-S7-SA-x-x	One fiber output > 7	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D5-SA-x-x	Dual fiber output > 5	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D6-SA-x-x	Dual fiber output > 6	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D7-SA-x-x	Dual fiber output > 7	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D9-SA-x-x	Dual fiber output > 9	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D10-SA-x-x	Dual fiber output > 10	13, 16, 18 Adjustable	≥52	≥-65	≥-65
OT860-1550-D11-SA-x-x	Dual fiber output > 11	13, 16, 18 Adjustable	≥52	≥-65	≥-65

Service Warranty: Three Years