

1310 TRANSMITTER [OT-860-1310-xx-SA-x-x]

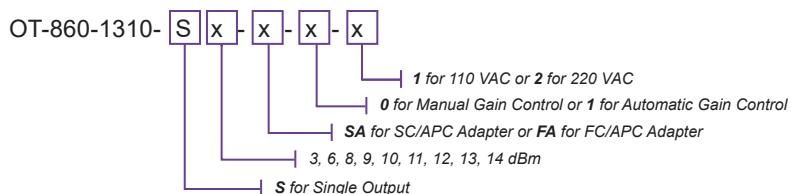
Fiber Products, Transmitters

Features

- 1310 nm Direct Modulated Optical Transmitter
- RF Bandwidth: 54-860 MHz
- Headend 19 in. Rack Mount Enclosure
- Manual or Automatic Gain Control Option
- LCD Status and Alarm Monitor Indicators on the Front Panel
- Power Supply of 110~250 VAC
- Power Consumption of < 24 W
- Operating Temperature at 0 to 45 °C (32 to 113 °F)
- Storage Temperature at -20 to 70 °C(-4 to 158 °F)
- Network Interface Port RJ45, RS2323
- Dimensions: 19 x 15 x 1.75 in. (483 x 385 x 44 mm)



Ordering Information



Model Number	Description	Box Weight	Output Power
OT-860-1310-Sx-x-x-x	1310 nm Optical Transmitter	3 kg / 7 lb	3, 6, 8, 9, 10, 11, 12, 13, 14

Optical Features

Output Wavelength	1310 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	20 dBmV
RF Flatness	≤ ± 0.75 dB
RF Return Loss	> 16 dB
RF Input Impedance	75 ohm
Connector Type	F type

Link Performance

CNR	≥ 52 dB
CTB	≥ 70 dB
CSO	≥ 63 dB

Model	dBm	Bandwidth MHz	Link Loss	CNR (dB)	CTB (dB)	CSO (dB)
OT-860-1310-S3-SA-x-x	3	47-860	5	≥ 52	≥ 70	≥ 63
OT-860-1310-S6-SA-x-x	6	47-860	7	≥ 52	≥ 70	≥ 63
OT-860-1310-S8-SA-x-x	7	47-860	9	≥ 52	≥ 70	≥ 63
OT-860-1310-S9-SA-x-x	9	47-860	11	≥ 52	≥ 70	≥ 63
OT-860-1310-S10-SA-x-x	10	47-860	11.5	≥ 52	≥ 70	≥ 63
OT-860-1310-S11-SA-x-x	11	47-860	12	≥ 52	≥ 70	≥ 63
OT-860-1310-S12-SA-x-x	12	47-860	13	≥ 52	≥ 70	≥ 63
OT-860-1310-S13-SA-x-x	13	47-860	14	≥ 52	≥ 70	≥ 63
OT-860-1310-S14-SA-x-x	14	47-860	15	≥ 52	≥ 70	≥ 63

*Service Warranty: Three Years

*Note: Testing condition :Optical Link Loss: 10 km Input Optical Level: -1 dBm, RF Input 59Pal-D/NTSC/80CH

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