



### Taikan 1310 Transmitter Features:

- 1310 nm direct modulated optical transmitter
- RF Bandwidth: 47-860 MHz
- Headend 19 inch rack mount enclosure
- Automatic gain control
- LCD status and alarm monitor indicators on the front panel

Optical Features		Units
Optical wavelength	1310	nm
Laser Type	DFB	
Optical output power	See table below	mW
Optical Return Loss	$\geq 60$	dB
Optic connector type	Std: SC/APC or (Option: FC/APC)	
RF Features		
RF Bandwidth	47-860	MHz
RF Input Level	20	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	$\geq 52$	dB
CTB	$\leq -70$	dBc
CSO	$\leq -63$	dBc

Specifications subject to change without notice. V12.00

Model Number	Description	Box	Output Power (dBm)
OT860-1310-Sx-x-x-S	Optical 1310 Transmitter	3 kg/7lb	3,6, 8, 9, 10, 11, 12, 13, 14

## Taikan 1310 Transmitter : Specification

Model	(dBm)	Bandwidth (MHz)	Link Loss	CNR	CTB	CSO
OT860-1310-S3-x-x-S	3	47-860	5	≥52	≤67	≤62
OT860-1310-S6-x-x-S	6	47-860	7	≥52	≤67	≤62
OT860-1310-S8-x-x-S	7	47-860	9	≥52	≤67	≤62
OT860-1310-S9-x-x-S	9	47-860	11	≥52	≤67	≤62
OT860-1310-S10-x-x-S	10	47-860	11.5	≥52	≤67	≤62
OT860-1310-S11-x-x-S	11	47-860	12	≥52	≤67	≤62
OT860-1310-S12-x-x-S	12	47-860	13	≥52	≤67	≤62
OT860-1310-S13-x-x-S	13	47-860	14	≥52	≤67	≤62
OT860-1310-S14-x-x-S	14	47-860	15	≥52	≤67	≤62

General Features		
Power Supply	110~250	Vac
Power Consumption	<24	W
Operating temperature	0-45°	°C
Storage temperature	-20°~70°	°C

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### Ordering Information

