



### Taikan 1550 Transmitter Features:

- 1550 nm externally modulated optical transmitter
- RF bandwidth: 47-860 MHz
- Headend 19 inch rack mount enclosure
- LCD status and alarm monitor indicators on front panel

Optical Features		Units
Optical wavelength	1550	nm
Laser Type	DFB	
Optical Return Loss	$\geq 60$	dB
Optic connector type	Std: SC/APC or (option: FC/APC)	
RF Features		
RF Bandwidth	45-860	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	$\geq 52$	dB
CTB	$\leq -65$	dBc
CSO	$\leq 65$	dBc

Model Number	Description	Box Weight	Output Power (dBm)
OT860-1550-Sx-x-x-S	Optical 1550 transmitter single fiber	3 kg/7 lb	3,5, or 7
OT860-1550-Dx-x-x-S	Optical 1550 transmitter double fiber	3 kg/7lb	5, 7, 9,10,11

## Taikan 1550 Transmitter : Specification

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

General Features		
Network interface port	RJ45, R232 support IE & SNMP	
Power Supply	110~250	Vac
Power Consumption	≤50	W
Operating temperature	0~65°	°C
Storage temperature	-20°~70°	°C
Dimension (LxWxH)	483x385x44mm (19x14x1.75)	in

Specifications subject to change without notice. v12.00

### Ordering Information

#### OT860-1550

