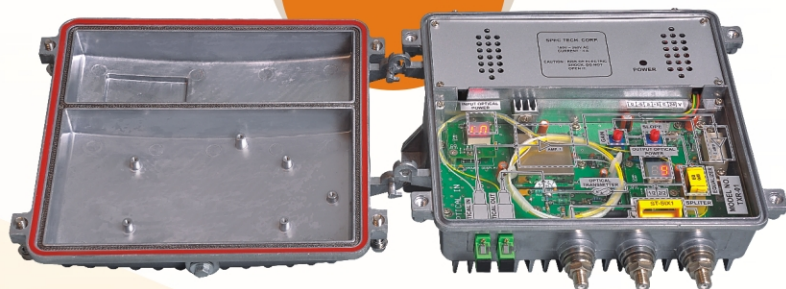


TRANSRECEIVER



Spec Transreceiver is simply a combination of both optical transmitter and optical receiver. We can achieve RF Output of desired level of optical signal (+2~8dBm). Same time we can get optical power of desired level (9 dBm or 10 dBm). It uses two adaptor, one as a optical in and one as a optical out. Aluminium alloy body is used in outdoors transreceivers. Very perfect and accurate SMPS is used to operate this kind of transreceivers. Digitally displayed monitoring system is installed for input optical power system and output optical power system.

**TRANSRECEIVER
OUTDOOR (ODTxR-999)**



**TRANSRECEIVER
INDOOR**



FEATURES

- ✳ The high performance laser with narrow lanes, good linear and high output power is achieved.
- ✳ Noise and distortion free RF output is achieved on RF output connector.
- ✳ Balanced double RF output with gain and slope controlled (0-18 db) is obtain.
- ✳ There are plug-in diplex filter, plug in fixed equalizer, fixed attenuator, plug in output splitter are available. Digital optical power indicator ensure quality of the product.

Both output (Optical & RF) will be AGC due to high quality AGC modules used in device.

TECHNICAL PARAMETERS

ITEMS	UNITS	TECHNICAL PARAMETER
OPTICAL PARAMETER		
Receiving Optical Power	dBm	-12 ~ +2
Recommended Range	dBm	-8 ~ +2
Optical Return Loss	dB	>44
Optical Wave Length	nm	1100 ~ 1600
Optical Fiber Corrector		FC/APC, 8C/APC
Optical Output	dBm	9 or 10
RF PERFORMANCE		
Nominal Output Level	dBμv	104
Maximum Output Level	dBμv	108
Output Return Loss	dB	≥14
Frequency Range	MHz	47 ~ 862
Flatness in Band	dB	±.75
GENERAL PROFILE		
Supply Voltage	V	210 ~ 270 AC, (50 Hz) AC 60 V PP
Operating Temperature	°C	-40 ~ +52
Power Consumption	VA	≤ 35
Relative Humidity	%	Max 95% No Condensation

MODELS

1310 nm Trans-receiver

1550 nm Trans-receiver