

OLT2600R/OLR2600R

Headend L-Band Transmitter & Receiver



Front View--both models

** Features **

- **Singlemode Fiber**
- **Frequency stacking to 2600 MHz**
- **Wide Range TX with AGC**
- **18/12 volt switchable LNB power**
- **Optional CWDM Wavelengths**
- **Cost effective 1RU Rackmount**

The **OLT2600R** is a very cost effective 1RU rackmount L-Band transmitter to transport LNB signals from a remote TVRO site to your headend facility. With 950-2600 Mhz operational bandwidth, the OLT2600R can also support frequency stacking. Normally supplied with a 1mw 1310nm non-cooled isolated DFB laser, the OLT2600R has a maximum link loss of 14dB when used with the matching OLR2600R receiver. CWDM wavelength lasers are also available, for use where fiber counts are very limited. The input to the transmitter is a wide range -40 to -25 dBm, utilizing Automatic Gain Control (AGC).

The OLT2600R also has switchable 12/18 VDC LNB power, to support DirectTV polarity selection.

The **OLR2600R** is a very cost effective 1RU rackmount L-Band receiver to transport LNB signals from a remote TVRO site to your headend facility. With 950-2600 Mhz operational bandwidth, the OLT2600R can also support frequency stacking. With a minimum optical input of -13 dBm, the OLR2600R has a maximum link loss of 14dB when uses with the matching OLT2600R transmitter. Utilizing a wideband, low noise PIN Diode, with 5dB optical link loss, the typical link CNR is >45dB. The **OLR2600R** can be used with any wavelength transmitter from 1260nm to 1620nm.

OLT2600R SPECIFICATIONS

Power Supply	18 VDC
LNB Output Voltage	+12 or +18 VDC
Optical Output Power	1mw/0dBm
Optical Connector	SC/APC
IF Input Range	-40 to -25 dBm
In Channel Flatness	0.5dB per 40 MHz
Full Bandwidth Flatness	1.0 dB
RF Gain w/ 5dB Link Loss	16 dB

QFRF continues to provide flexible and state-of-the-art technology at the lowest possible price.

OLR2600R SPECIFICATIONS

Power Supply	12 VDC
Link CNR @-5dBm Input	> 45 dB
Minimum Optical Input Power	-13 dBm
Optical Connector	SC/APC
IF Output Range	-40 to -15 dBm
In Channel Flatness	0.5dB per 40 MHz
Full Bandwidth Flatness	1.0 dB
Typical Link Gain	14 dB

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