

WB+ SINGLE LASER RECEIVERS



TOWR-QUAT

TRIAX Optical WB+ Receiver - Quattro

Article No: 307925

47-5450MHz (RF+Quattro) 1200-1600nm Optical Receiver

The TOWR-QUAT fibre Optic Receiver converts the 5 combinations of frequency within the range 0.05GHz~5.45GHz received from a TOWT-1310/1550 (307923/307924) Transmitter Kit and outputs the signals in Quattro format for connection to a Quattro compatible multiswitch such as the TRIAX TMS & TdSCR range.

The signal received from the TOWT single laser Transmitter is transmitted to the TOWR-QUATTRO receiver via a fibre optic single mode cable over the PON.

- Excellent Linearity and flatness
- High return loss
- Uses GaAs amplifiers
- Ultra low noise technology
- Low power consumption
- Simple to install

	Unit	Description
Input Frequency Range	MHz	50 - 5450
Output Frequency Range	MHz	T: 50 - 860
	MHz	VL/HL: 950 - 1950
	MHz	VH/HH: 1100 - 2150
Conversion Gain	dB	65 (Typ)
Noise Figure	dB	0.3 (Max.)
Gain Flatness	dB	±0.5dB / 26MHz p-p 7dB
DC Current Consumption	mA	280 @ 18V
L.O. Frequency	MHz	HH: 3300 / 4150 ±0.5
	MHz	VL: 2450 ±0.5
	MHz	VH: 3300 ±0.5
Input Optical Power	dBm	-9 to +1
Optical Wavelength	nm	1200-1600
Operating Temperature	°C	-30 to +70
Optical Connector	-	SC/APC

** Each installed TOWR-QUAT may require a 1.2A 18V PSU.
TRIAX article no. 318165UK/318162EU. Sold Separately. Or can be powered by trunk**



TOWR-QUAD

TRIAX Optical WB+ Receiver - Quad

Article No: 307926

47-5450MHz (RF+Quad) 1200-1600nm Optical Receiver.

The TOWR-QUAD fibre Optic Receiver converts the 5 combinations of frequency within the range 0.05GHz~5.45GHz received from a TOWT-1310/1550 (307923/307924) Transmitter Kit and outputs the signals in Quad format for connection to a suitable satellite receiver or Quad compatible multiswitch such as the TRIAX TMS-CKR range.

The signal received from the TOWT single laser Transmitter is transmitted to the TOWR-QUAD receiver via a fibre optic single mode cable over the PON.

- Excellent Linearity and flatness
- High return loss
- Uses GaAs amplifiers
- Ultra low noise technology
- Low power consumption
- Simple to install

	Unit	Description
Input Frequency Range	MHz	50 - 5450
Output Frequency Range	MHz	T: 50 - 860
	MHz	L/B: 950 - 1950
	MHz	H/B: 1100 - 2150
Conversion Gain	dB	65 (Typ)
Noise Figure	dB	0.3 (Max.)
Gain Flatness	dB	±0.5dB / 26MHz p-p 7dB
DC Current Consumption	mA	280 @ 18V
L.O. Frequency	MHz	HH: 3300/4150 ±0.5
	MHz	VL: 2450 ±0.5
	MHz	VH: 3300 ±0.5
Input Optical Power	dBm	-9 to +1
Optical Wavelength	nm	1200-1600
Operating Temperature	°C	-30 to +70
Optical Connector	-	SC/APC

** Each installed TOWT-QUAD requires a 1.2A 18V PSU.
TRIAX article no. 318165UK/318162EU. Sold Separately. **