



1550 nm DIRECT MODULATION FIBRE OPTICAL TRANSMITTER

FIBRE TRANSMITTER



TX x 1 SC/APC FIBRE OUTPUT, 4 dBm, 47 MHz to 2600 MHz

Product Code: DF/TXDGW4

FOXTEL: F31009

This direct modulation fibre optical transmitter is specifically designed for the use in medium to large fibre distribution networks. This unit provides long life stability and reliability in commercial environments.



FEATURES

- RF Input Port
- Optical Output Power of + 4 dBm
- Simple Installation
- Wall or Desk Mount: Elongation Slots for Mounting
- LED Indicators, Power | Alarm | Bias
- CET Integrated into High Quality Housing

Specification		
Optical Power (mW)	2.5	
Optical Power (dBm)	4	
Optical Wavelength (nm)	1550 ± 10	
Fibre Connection	SC/APC	
RF Bandwidth (MHz)	47 ... 2400	
Channels	70 [Mix of DVB-C, DVB-T and DVB-S/S2]	
Band Unflatness	± 1.5 [47 MHz ... 862 MHz]	± 2.5 [950 MHz ... 2400 MHz]
Optical Modulation Mode	Direct	
Optical Return Loss	≥ 40	
RF Input Level (dBμV)	75 ± 2 @ AGC	
Input Return Loss	≥ 10	
Input Impedance (Ω)	75	
CNR (dB)	≥ 51	
CTB (dB)	≥ 65	
CSO (dB)	≥ 65	
Power Consumption (W)	≤ 4	
Power Supply (V)	12 VDC	
Storage Temperature (°C)	- 20 ... + 85	
Operation Temperature (°C)	0 ... + 50	
Humidity (%)	20 ... 50	
Dimensions (mm)	150 x 135 x 47	

