

MINI CATV/IF TRANSMITTERS

TOMT-1550

TRIAX Optical Mini Transmitter - 1550nm

Article No: 307918



TOMT-1550 TRIAX Optical Mini Transmitter
5dBm 1550nm CATV/IF 47-2400MHz

- Designed for FTTH (Fibre To The Home) networks
- Wide operating frequency range: 47-2400MHz
- Excellent linearity and flatness
- High return loss
- Uses GaAs amplifiers
- Ultra low noise technology
- Uses DFB coaxial small package laser
- Compact design for easier installation
- LED for power indication
- Output 13/18V, 0/22KHz for LNB use
- Use with TRIAX TOMR Mini Receiver for Point to Point

Connections

RF Connector	-	F-Female
Optical Connector	-	SC/APC
Power Supply	-	F-Female

Optical Parameter

Optical Return Loss	dB	≥45
Output Optical Wavelength	nm	1550
Output Optical Power	dBm	5
Optical Fibre Type	-	Single Mode

CATV+SAT-IF Parameter

Frequency Range	MHz	47-862 @ CATV
	MHz	950-2400 @ SAT-IF
CATV Flatness	dB	±0.75
CATV Input Level	dBμV	75 ±5
Input Impedance	Ω	75
Return Loss	dB	≥14
CNR	dB	≥52
CSO	dB	≥62
CTB	dB	≥65
SAT-IF Flatness	dB	±1.5
SAT-IF Input Level	dBμV	68±10
LNB Power supply	V	13-18
LNB Maximum Current	mA	500
22KHz Accuracy	KHz	22 ±4
Power Supply	VDC	12 (1.5A)
Power Consumption (excludes LNB)	W	<3
Dimensions	mm	100 x 98 x 28
Operating Temperature	°C	-25 ~ +55