

ERT100T/R

DVB-T/RF to Optical Fibre Point to Point Linking



Technical Specification - Transmitter and Receiver

Optical Wavelength	1310 or 1550nm
Optical Output Power Level	1,2,3,4mW
RF Frequency Range	45~2600Mhz
	950~2600Mhz
RF Input Level	55~78 dBuV
LNB Power Level (Satellite)	13, 18V @ 350mA
RF Connector	F-Type Female
RF Connector Impedence	75Ohm
CNR	40dB
IMD	40dB
Power Consumption (Transmitter)	3.6W
Power Consumption (Receiver)	3.5W
Optical Connectors	SC/APC, LC/APC, ST
Dimensions	120x 215x 42mm
Weight	260 Grams

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Ordering Guide

ERT100T-X-Y-Z	Transmitter (Inc power supply)
ERT100R-X-Y-Z	Receiver (Inc power supply)
X = 1310 or 1550	Wavelength
Y = 1,2,3,4	Optical Power
Z = SC, LC, ST	Optical Connector Type

Ordering Example:

ERT100T-1310-2-SC ERT Transmitter, 1310nm wavelength, 2mW power output and SC Optical Connectors

ERT100R-1310-2-SC ERT Receiver, 1310nm wavelength, 2mW power input and SC Optical Connectors