

connecting the future



TDC3 dSCR OPTO converter +TER

Article number: 307775

Product description:

Integrated services on a Single fibre

- SAT IF distribution over fibre optics (FO) can supply many households over larger distances, with feed from a central satellite dish station.
- Almost lossless transmission of satellite, DVB-T and DAB signals. Attenuation per 1000 m only about 0.3 dB.
- Future-proof and widest possible variety of channels.
- Vertical and Horizontal Wideband IF signals are transmitted over one optical fibre using a Wideband LNB.
- Space-saving installation - a 3 mm optical fibre replaces five 7 mm coaxial cables.

The TDC3 has 2 dSCR/Quad outputs and a separate Terrestrial output.

Specifications

ORDER INFORMATION	
EAN Number	5702663077751
OPTICAL CHARACTERISTICS	
Optical input power	-14...4 dBm
CHARACTERISTICS	
Type	OPTO Converter
Wavelength	1310...1330...1550 nm
Output level TER	70 dB μ V
dSCR output level	80 dB μ V
Gain ripple across band (max.)	\pm 1.0 dB
FREQUENCY	
Frequency range SAT	950...2150 MHz
Frequency range TER	40...790 MHz
RETURN LOSS	
Return Loss	10 dB

ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
DC Operating voltage	20 VDC
Remote Supply	12...20 via output V/mA
Power Consumption (typ.)	5 W
IP Housing protection class	IP 20
Temperature - operating	-20...55 °C
CONNECTORS	
Connector IN	Optical - SC/APC
Connector OUT	F-female
Number of inputs	1
Number of outputs	3 (2xdSCR/legacy/TER + 1xTER)
MECHANICAL	
Dimensions product (H x D x W)	166x136x52 mm
Packing QTY	1
Packaging Height	0,100 m
Packaging Width	0,100 m
Packaging Depth	0,100 m
Packaging Volume	0,001 m ³
Net Weight	0,310 kg
Total Weight	0,310 kg
Remarks	<p><u>BAND & POLARITY SELECTION:</u> DISEQC 1.0 (UNIDIRECTIONAL), DISEQC 2.0 (BIDIRECTIONAL) STANDARD EN50494/EN50607 SKY UK PROTOCOL UNIVERSAL LNB VOLTAGE & TONE INDICATOR LED'S GREEN PR. WAVELENGTH POWER LED GREEN OPTO LED ORANGE 16X DCSS/DSCR USER BANDS</p>