

TDC4 dSCR OPTO Qa/Quat converter +TER

Art. Number 307776



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 TDC4 can be switched for use as either a standard Quattro converter, or as a switch with dSCR or Quad output.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663077768

OPTICAL CHARACTERISTICS

Optical input power | dBm -14...4 dBm

Switch QUAD/QUATTRO
 <h2>Switch QUAD or QUATTRO mode:</h2>
 <h2>QUAD
- OUT: 4x dSCR/legacy/TER
- 4x16 dCSS/dSCR User bands
- output level TER: 65dBu</h2>
 <h2>QUATTRO
- OUT: 5 (VL, HL, VH, HH, T)
- output level TER: 75dBu

</h2>
 <p>
</p>

CHARACTERISTICS

dSCR output level | dBμV 80 dBμV

Output level TER | dBμV 75 (@Quad mode: 65) dBμV

Technical Specifications

Type	OPTO Converter
Wavelength nm	1310...1330...1550 nm

FREQUENCY RANGE

Frequency range SAT MHz	950...2150 MHz
Frequency range TER MHz	40...790 MHz

RETURN LOSS

Return Loss dB	10 dB
------------------	-------

ELECTRICAL

Impedance Ω	75 Ω
----------------------	-------------

OPERATIONAL

DC Operating voltage VDC	20 VDC
Power Consumption (typ.) W	8 W
Remote Supply V/mA	12...20 via output V/mA
Temperature - operating °C	-20...55 °C

CONNECTORS

Connector IN	Optical - SC/APC
Number of inputs	1
Number of outputs	5 (4 @Quad mode)

MECHANICAL

Product Depth mm	50 mm
Dimensions product (H x D x W) mm	166x136x50 mm
Packaging Depth m	0.215 m
Packaging Height m	0.060 m
Total Weight kg	0.605 kg
Packaging Width m	0.155 m
Product Height mm	130 mm
Net Weight kg	0.505 kg
Packing QTY	1
Remarks	Band & polarity selection:
DiSEqC 1.0 (unidirectional), DiSEqC 2.0 (bidirectional)
Standard EN50494/EN50607
Sky UK Protocol
Universal LNB Voltage & Tone</h2> <h2>Power LED green
OPTO LED orange</h2>
Tara Weight kg	0.100 kg
Packaging Volume m3	0.002 m3
Product Width mm	165 mm