

TDC3 dSCR OPTO converter +TER

Art. Number 307775



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.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663077751

OPTICAL CHARACTERISTICS

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

CHARACTERISTICS

dSCR output level | dBμV 80 dBμV

Gain ripple across band (max.) | dB ±1.0 dB

Output level TER | dBμV 70 dBμV

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

Technical Specifications

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

DC Operating voltage | VDC 20 VDC
 IP Housing protection class IP 20
 Power Consumption (typ.) | W 5 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 3 (2xdSCR/legacy/TER + 1xTER)

MECHANICAL

Dimensions product (H x D x W) | mm 166x136x52 mm
 Packaging Depth | m 0.160 m
 Packaging Height | m 0.060 m
 Total Weight | kg 0.475 kg
 Packaging Width | m 0.215 m
 Net Weight | kg 0.475 kg
 Packing QTY 1
 Remarks
 <h2>Band
 & polarity selection:
DiSEqC 1.0
 (unidirectional), DiSEqC 2.0
 (bidirectional)
Standard
 EN50494/EN50607
Sky UK
 Protocol
Universal LNB
 Voltage & Tone</h2>
 <h2>Indicator LED's green pr.
 wavelength
Power LED
 green
OPTO LED
 orange</h2>
 <h2>16x dCSS/dSCR User
 bands</h2>
 Tara Weight | kg 0.000 kg
 Packaging Volume | m3 0.002 m3