

connecting the future



## TDC4 dSCR OPTO Qa/Quat converter +TER

Article number: 307776

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

### Specifications

#### ORDER INFORMATION

EAN Number

5702663077768

#### OPTICAL CHARACTERISTICS

|                                |  |
|--------------------------------|--|
| Switch QUAD/QUATTRO            | <p>SWITCH QUAD OR QUATTRO MODE:</p> <p>QUAD</p> <ul style="list-style-type: none"> <li>- OUT: 4X DSCR/LEGACY/TER</li> <li>- 4X16 DCSS/DSCR USER BANDS</li> <li>- OUTPUT LEVEL TER: 65DBU</li> </ul> <p>QUATTRO</p> <ul style="list-style-type: none"> <li>- OUT: 5 (VL, HL, VH, HH, T)</li> <li>- OUTPUT LEVEL TER: 75DBU</li> </ul> |
| Optical input power            | -14...4 dBm  |
| <b>CHARACTERISTICS</b>         |  |
| Type                           | OPTO Converter   |
| Wavelength                     | 1310...1330...1550 nm  |
| Output level TER               | 75 (@Quad mode: 65) dB $\mu$ V   |
| dSCR output level              | 80 dB $\mu$ V  |
| <b>FREQUENCY</b>               |  |
| Frequency range SAT            | 950...2150 MHz   |
| Frequency range TER            | 40...790 MHz   |
| <b>RETURN LOSS</b>             |  |
| Return Loss                    | 10 dB  |
| <b>ELECTRICAL</b>              |  |
| Impedance                      | 75 $\Omega$  |
| <b>OPERATIONAL</b>             |  |
| DC Operating voltage           | 20 VDC   |
| Remote Supply                  | 12...20 via output V/mA  |
| Power Consumption (typ.)       | 8 W  |
| Temperature - operating        | -20...55 °C  |
| <b>CONNECTORS</b>              |  |
| Connector IN                   | Optical - SC/APC   |
| Connector OUT                  | F-female   |
| Number of inputs               | 1  |
| Number of outputs              | 5 (4 @Quad mode)   |
| <b>MECHANICAL</b>              |  |
| Dimensions product (H x D x W) | 166x136x50 mm  |
| Packing QTY                    | 1  |
| Packaging Height               | 0,100 m  |

|                  |  |
|------------------|--|
| Packaging Width  | 0,100 m  |
| Packaging Depth  | 0,100 m  |
| Packaging Volume | 0,001 m3   |
| Net Weight       | 0,500 kg   |
| Total Weight     | 0,500 kg   |
| Remarks          | <p><b><u>BAND &amp; POLARITY SELECTION:</u></b><br/>DISEQC 1.0 (UNIDIRECTIONAL), DISEQC 2.0<br/>(BIDIRECTIONAL)<br/>STANDARD EN50494/EN50607<br/>SKY UK PROTOCOL<br/>UNIVERSAL LNB VOLTAGE &amp; TONE<br/><br/>POWER LED GREEN<br/>OPTO LED ORANGE</p> |

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