

## 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

Switch QUAD/QUATTRO <h2>Switch QUAD or QUATTRO mode:</h2>  
<h2>QUAD<br>- OUT: 4x dSCR/legacy/TER<br>- 4x16

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

### CHARACTERISTICS

Wavelength | nm 1310...1330...1550 nm

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

dSCR output level | dBμV 80 dBμV

### FREQUENCY RANGE

Frequency range SAT | MHz 950...2150 MHz

Frequency range TER | MHz 40...790 MHz

## Technical Specifications

### RETURN LOSS

Return Loss | dB 10 dB

### ELECTRICAL

Impedance |  $\Omega$  75  $\Omega$

### OPERATIONAL

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

### CONNECTORS

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

### MECHANICAL

Dimensions product (H x D x W) | mm 166x136x50 mm  
 Packing QTY 1  
 Product Height | mm 130 mm  
 Product Width | mm 165 mm  
 Product Depth | mm 50 mm  
 Packaging Height | m 0.060 m  
 Packaging Width | m 0.155 m  
 Packaging Depth | m 0.215 m  
 Packaging Volume | m3 0.002 m3  
 Net Weight | kg 0.505 kg  
 Tara Weight | kg 0.100 kg  
 Total Weight | kg 0.605 kg  
 Remarks <h2><span style="text-decoration: underline;">Band