



## TVC 06 - Mini Re-converter Quad

Article number: 307641

### Product description:

#### TVC 06 Re-converter Quad

The TVC 06 is a mini optical-to-coax converter, which convert the frequency stacked optical signal provided from an Opto-LNB TOL or a TOU232-Kit (IRS 1) sidecar unit into four switched universal coax signals like a Quad LNB. The converters also provide a coax DTT/DAB/FM signal diplexed onto each output when it is inserted into the optical transmitter TOU 232 SA.

- Built in AGC which allows a wide dynamic range of the optical signals on Fibre input with less deviation of the RF output level and signal quality.
- Two LED indicators display operational status.
- Easy mounting via a wall baseplate.
- Power supply via RF outputs from SAT receivers
- Optional external power supply for continuous operation available.

### Specifications

ORDER INFORMATION	
EAN Number	5702663076419
OPTICAL CHARACTERISTICS	
Optical budget for PON (max.)	19.0(@TOL 32, TOU 232) - 22.0(@TOL 64) dB
Optical input power	-12.0(@TOL32,TOU232) -13.5...0(@TOL 64) dBm
Optical splitting in PON (max.)	32(@TOL 32, TOU 232) - 64(@TOL 64)
CHARACTERISTICS	
AGC (Automatic Gain Control)	30 dB
Output level SAT	75 dB $\mu$ V
Output level TER	65 dB $\mu$ V
Vertical High band (1.95 to 3.0 GHz)	1100...2150 (>14.5V 22KHz) MHz
Vertical Low band (0.95 to 1.95 GHz)	950...1950 (>14.5V) MHz
Wavelength	1310/1550 nm
Horizontal High band (4.4 to 5.45 GHz)	1100...2150 (>15.5V 22KHz) MHz
Horizontal Low band (3.4 to 4.4 GHz)	950...1950 (>15.5V) MHz
FREQUENCY	
RF frequency range, horizontal polarities	3.4...5.45 GHz
RF frequency range, vertical polarities	0.95...3.0 GHz
TER frequency range DAB	174...241 MHz
TER frequency range DTT	470...854 MHz
TER frequency range FM	87...108 MHz
RETURN LOSS	

Return Loss	10 dB
<b>ELECTRICAL</b>	
Impedance	75 $\Omega$
<b>OPERATIONAL</b>	
DC Operating voltage	10...20 VDC
External PSU item ID	307657 (TPS323-20Vdc/1.2A)
External PSU	Optional
Temperature - operating	-10...+60 °C
DC Current consumption	125 (225mA@10V) mA
<b>CONNECTORS</b>	
Connector Type	Optical - FC/PC
Connector IN	Optical - FC/PC
Connector OUT	F-female (4xSAT+TER)
Output connectors	4xF (4 x SAT+TER)
<b>MECHANICAL</b>	
Dimensions product (H x D x W)	128x94x27 mm
Packaging Depth	0,120 m
Packaging Height	0,030 m
Total Weight	0,400 kg
Packaging Width	0,145 m
Net Weight	0,370 kg
Tara Weight	0,030 kg
Packaging Volume	0,001 m3