

TSOT Satellite OPTO tx

Art. Number 307770



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.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663077706

OPTICAL CHARACTERISTICS

Optical output power | dBm 9 (pr. wavelength) dBm

CHARACTERISTICS

Input level | dB μ V 80 pr. transponder dB μ V

Wavelength | nm 1310...1330 nm

Laser type DFB

Gain ripple across band (max.) | dB \pm 2.5 dB

LNB voltage | V/DC 12.8/ <240mA V/DC

FREQUENCY RANGE

Frequency range SAT | MHz 290...2340 MHz

LOSS

Adjustable attenuator | dB 0...15 dB

RETURN LOSS

Return Loss | dB 10 dB

ELECTRICAL



Technical Specifications

Impedance | Ω 75 Ω

OPERATIONAL

AC Supply voltage | VAC 200...240 VAC

Power Consumption (typ.) | W 9 W

IP Housing protection class IP 50

Temperature - operating | $^{\circ}\text{C}$ -20...55 $^{\circ}\text{C}$

CONNECTORS

Connector OUT Optical - SC/APC

Number of inputs 2

Number of outputs 1

MECHANICAL

Dimensions product (H x D x W) | mm 225x190x86 mm

Packing QTY 1

Product Height | mm 80 mm

Product Width | mm 225 mm

Product Depth | mm 190 mm

Packaging Height | m 0.103 m

Packaging Width | m 0.255 m

Packaging Depth | m 0.215 m

Packaging Volume | m³ 0.006 m³

Net Weight | kg 1.840 kg

Tara Weight | kg 0.190 kg

Total Weight | kg 2.030 kg