

# connecting the future



## TSOT Satellite OPTO tx

Article number: 307770

## **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.

#### **Specifications**

ORDER INFORMATION				
EAN Number	5702663077706			
OPTICAL CHARACTERISTICS				
Optical output power	9 (pr. wavelength) dBm			
CHARACTERISTICS				
Туре	OPTO Transmitter			
Input level	80 pr. transponder dBµV			

Wavelength         13101330 nm           Laser type         DFB           Gain ripple across band (max.)         ±2.5 dB           L NB voltage         12.87 +240 mA V/DC           FREQUENCY           Frequency range SAT         2902340 MHz           LOSS           Adjustable attenuator         015 dB           RETURN LOSS           Return Loss         10 dB           ELECTRICAL           Impedance         75 Ω           OPERATIONAL           AC Supply voltage           Power Consumption (typ.)         9 W           IP Housing protection class         IP 50           Temperature - operating         +2055 °C           CONNECTORS           Connector IN         F-female           Connector OUT         Optical - SC/APC           Number of inputs         2           MECHANICAL           MECHANICAL           Dimensions product (H x D x W)         225x190x86 mm           Packaging Height         0,100 m           Packaging Height         0,100 m           Packaging Yothme         0,001 m3           Net Weig		
Gain ripple across band (max.)         ±2.5 dB           LNB voltage         12.8/ <240mA V/DC	Wavelength	13101330 nm
LNB voltage         12.8/<240mA V/DC	Laser type	DFB
FREQUENCY           Frequency range SAT         2902340 MHz           LOSS        15 dB           RETURN LOSS           Return Loss         10 dB           ELECTRICAL           Impedance         75 Ω           OPERATIONAL           AC Supply voltage         200240 VAC           Power Consumption (typ.)         9 W           IP Housing protection class         IP 50           Temperature - operating         -2055 °C           CONNECTORS           Connector IN         F-female           Connector OUT         Optical - SC/APC           Number of inputs         2           Number of outputs         1           MECHANICAL           Dimensions product (H x D x W)         225x190x86 mm           Packaging Aleight         0,100 m           Packaging Width         0,100 m           Packaging Depth         0,100 m           Packaging Volume         0,001 m3           Net Weight         1,800 kg	Gain ripple across band (max.)	±2.5 dB
Frequency range SAT         2902340 MHz           LOSS           Adjustable attenuator         015 dB           RETURN LOSS           Return Loss         10 dB           ELECTRICAL           Impedance         75 Ω           OPERATIONAL           AC Supply voltage         200240 VAC           Power Consumption (typ.)         9 W           IP 50           Temperature - operating         -2055 °C           CONNECTORS           Connector IN         F-female           Connector OUT         Optical - SC/APC           Number of inputs         2           Number of outputs         1           MECHANICAL           Dimensions product (H x D x W)         225x190x86 mm           Packaging Ateight         0,100 m           Packaging Width         0,100 m           Packaging Width         0,100 m           Packaging Volume         0,001 m3           National Colspan="2">National Colspan="2">National Colspan="2">National Colspan="2">National Colspan="2">National Colspan="2">National Colspan="2	LNB voltage	12.8/ <240mA V/DC
LOSS  RETURN LOSS  Return Loss 10 dB  ELECTRICAL  Impedance 75 Ω  OPERATIONAL  AC Supply voltage 200240 VAC  Power Consumption (typ.) 9 W  IP Housing protection class IP 50  Temperature - operating -2055 °C  CONNECTORS  Connector IN F-female  Connector OUT Optical - SC/APC  Number of inputs 2  Number of outputs 1  MECHANICAL  Dimensions product (H x D x W) 225x190x86 mm  Packaging ACT	FREQUENCY	
Adjustable attenuator015 dBBETURN LOSSReturn Loss10 dBELECTRICALTimpedance75 ΩOPERATIONALAC Supply voltage200240 VACPower Consumption (typ.)9 WIP 50Temperature - operating-2055 °CCONNECTORSConnector INF-femaleConnector OUTOptical - SC/APCNumber of inputs2Number of outputs1MECHANICALDimensions product (H x D x W)225x190x86 mmPackaging Height0,100 mPackaging Height0,100 mPackaging Width0,100 mPackaging Depth0,100 mPackaging Volume0,001 m3Net Weight1,800 kg	Frequency range SAT	2902340 MHz
RETURN LOSS  Return Loss 10 dB  ELECTRICAL  Impedance 75 \( \Omega \)  OPERATIONAL  AC Supply voltage 200240 VAC  Power Consumption (typ.) 9 W  IP Housing protection class IP 50  Temperature - operating -2055 °C  CONNECTORS  Connector IN F-female  Connector OUT Optical - SC/APC  Number of inputs 2  Number of outputs 1  MECHANICAL  Dimensions product (H x D x W) 225x190x86 mm  Packaging Vidth 0,100 m  Packaging Width 0,100 m  Packaging Depth 0,100 m  Packaging Volume 0,001 m3  Net Weight 1,800 kg	LOSS	
Return Loss10 dBELECTRICALImpedance75 ΩOPERATIONALAC Supply voltage200240 VACPower Consumption (typ.)9 WIP Housing protection classIP 50Temperature - operating-2055 °CCONNECTORSConnector INF-femaleConnector OUTOptical - SC/APCNumber of inputs2Number of outputs1MECHANICALDimensions product (H x D x W)225x190x86 mmPacking QTY1Packaging Height0,100 mPackaging Width0,100 mPackaging Depth0,100 mPackaging Volume0,001 m3Net Weight1,800 kg	Adjustable attenuator	015 dB
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Power Consumption (typ.) 9 W  IP Housing protection class IP 50  Temperature - operating -2055 °C  CONNECTORS  Connector IN F-female  Connector OUT Optical - SC/APC  Number of inputs 2  Number of outputs 1  MECHANICAL  Dimensions product (H x D x W) 225x190x86 mm  Packaging Height 0,100 m  Packaging Width 0,100 m  Packaging Volume 0,001 m3  Net Weight 1,800 kg	OPERATIONAL	
IP Housing protection class Temperature - operating -2055 °C  CONNECTORS  Connector IN F-female Connector OUT Optical - SC/APC  Number of inputs 2 Number of outputs 1  MECHANICAL  Dimensions product (H x D x W) Packaging Height O,100 m Packaging Width O,100 m Packaging Volume O,001 m3 Net Weight IP 50  -2055 °C  CONNECTORS  F-female  -2055 °C  -	AC Supply voltage	200240 VAC
Temperature - operating -2055 °C  CONNECTORS  Connector IN F-female  Connector OUT Optical - SC/APC  Number of inputs 2  Number of outputs 1  MECHANICAL  Dimensions product (H x D x W) 225x190x86 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 1,800 kg	Power Consumption (typ.)	9 W
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Connector OUT  Number of inputs  2  Number of outputs  1  MECHANICAL  Dimensions product (H x D x W)  Packing QTY  1  Packaging Height  0,100 m  Packaging Width  Packaging Depth  Packaging Volume  0,001 m3  Net Weight  Optical - SC/APC  Optical - SC/APC  Optical - SC/APC  22  0,100 m  Packaging Width  0,100 m  1,800 kg	CONNECTORS	
Number of inputs2Number of outputs1MECHANICALDimensions product (H x D x W)225x190x86 mmPacking QTY1Packaging Height0,100 mPackaging Width0,100 mPackaging Depth0,100 mPackaging Volume0,001 m3Net Weight1,800 kg	Connector IN	F-female
Number of outputs  MECHANICAL  Dimensions product (H x D x W)  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  1,800 kg	Connector OUT	Optical - SC/APC
MECHANICAL  Dimensions product (H x D x W) 225x190x86 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 1,800 kg	Number of inputs	2
Dimensions product (H x D x W)  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  1,800 kg	Number of outputs	1
Packaging Height 0,100 m  Packaging Width 0,100 m  Packaging Depth 0,100 m  Packaging Volume 0,001 m3  Net Weight 1,800 kg	MECHANICAL	
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Packaging Width 0,100 m  Packaging Depth 0,100 m  Packaging Volume 0,001 m3  Net Weight 1,800 kg	Packing QTY	1
Packaging Depth0,100 mPackaging Volume0,001 m3Net Weight1,800 kg	Packaging Height	0,100 m
Packaging Volume 0,001 m3  Net Weight 1,800 kg	Packaging Width	0,100 m
Net Weight 1,800 kg	Packaging Depth	0,100 m
	Packaging Volume	0,001 m3
Total Weight 1,800 kg	Net Weight	1,800 kg
	Total Weight	1,800 kg