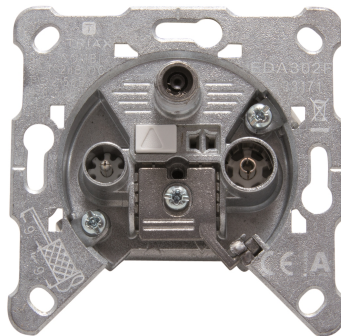


EDA 302 F SAT/CATV outlet terminated

Art. Number 306121



EDA 302

2-outlet SAT filter sockets. Special SAT antenna outlets for sat IF distribution networks (multi-switch systems or single-cable solution) as well as single satellite systems. F connector for SAT IF range. Additional connection of terrestrial receiving devices such as DVB-T receiver possible via IEC connectors. Selective splitting of the frequency bands via filters with extremely low distribution operating loss. Advantages: Direct F-connection for SAT receiver. Cost efficient.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663061217

SHIELDING

Shielding @ 1000...2400 MHz dB	≥ 65.0 dB
Shielding @ 300-470 MHz dB	≥ 90.0 dB
Shielding @ 30-300 MHz dB	≥ 95.0 dB
Shielding @ 470-1000 MHz dB	≥ 85.0 dB

CHARACTERISTICS

Outlet Type	Terminated
Type	EDA

FREQUENCY RANGE

Frequency Range FM MHz	5...118 MHz
Frequency Range SAT MHz	950...2150 (2400) MHz
Frequency Range TV MHz	5...862 MHz

LOSS

Through Loss IN-FM dB	6.5 dB
Through Loss IN-SAT dB	2.0 dB
Through Loss IN-TV dB	2.5 dB

Technical Specifications

ISOLATION

Isolation FM-SAT dB	30.0 dB
Isolation TV-FM dB	20.0 dB
Isolation TV-SAT dB	>20.0 dB

RETURN LOSS

Return Loss FM dB	10.0 dB
Return Loss IN dB	10.0 dB
Return Loss SAT dB	9.0 dB
Return Loss TV dB	12.0 dB

ELECTRICAL

Impedance Ω	75 Ω
----------------------	-------------

OPERATIONAL

Certification	EN 50083-1, EN 50083-2, EN 50083-4
DC Passthrough FM	NO
DC Passthrough IN-OUT	*NO - DC galvanic isolated 1kV at Inner conductor
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)
DC Passthrough TV	NO
Screening Efficiency	EN50083-2 (Class A+10dB)
MTBF (mean time between failures) hours	>1.000.000 hours
Temperature - operating °C	-25...55 °C
Temperature - shipping °C	-40...70 °C
Temperature - storage °C	-25...55 °C

CONNECTORS

Adaptable Cable Diameters - Inner Conductor mm	0.58...1.15 mm
Adaptable Cable Diameters - F-female mm	0.6...1.13 mm
Adaptable Cable Diameters- Jacket mm	4.5...7.2 mm
Adaptable Cable Diameters - Outer Conductor mm	3.7...5.8 mm
Connector FM	IEC-female
Connector TV	IEC-male

MECHANICAL

Packaging Depth m	0.700 m
Packaging Height m	0.400 m
Total Weight kg	0.112 kg
Packaging Width m	0.700 m
Main material	Zinc diecast
Net Weight kg	0.104 kg

Technical Specifications

Remarks

Sat IF socket box with reverse-channel capable wide-band MATV/CATV outlets (splitter-filter combination).
GDA 313 F pass-through-socket with diode-decoupled DC circuit (13/18V, 22 kHz) for single-cable solution and satellite sub-distributions* in the residential unit.
Advantage: In addition to Sat IF operation, connection options to CATV cable network or terrestrial antenna systems (all-round antenna outlet socket).
Note: Only one sat receiver can be operated actively at the socket box chain in case of a cascade of pass-through sockets in multi-switch operation.

Tara Weight | kg

0.008 kg

Tensile Strength - Inner Conductor 2 (Ø) | N/mm²

> 50 @ 1.13mm N/mm²

Tensile Strength - Inner Conductor 1 (Ø) | N/mm²

> 25 @ 0.75mm N/mm²

Packaging Volume | m³

0.196 m³

Weight (kg) TB(D) | kg

0.09 kg