

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

CHARACTERISTICS

Outlet Type Terminated

FREQUENCY RANGE

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

LOSS

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

ISOLATION



Technical Specifications

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

RETURN LOSS

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

ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

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

CONNECTORS

Connector FM	IEC-female
Connector TV	IEC-male
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 - Outer Conductor mm	3.7...5.8 mm
Adaptable Cable Diameters- Jacket mm	4.5...7.2 mm

MECHANICAL

Tensile Strength - Inner Conductor 1 (Ø) N/mm ²	> 25 @ 0.75mm N/mm ²
Tensile Strength - Inner Conductor 2 (Ø) N/mm ²	> 50 @ 1.13mm N/mm ²
Main material	Zinc diecast
Weight (kg) TB(D) kg	0.09 kg
Packaging Height m	0.400 m
Packaging Width m	0.700 m
Packaging Depth m	0.700 m
Packaging Volume m ³	0.196 m ³
Net Weight kg	0.104 kg
Tara Weight kg	0.008 kg
Total Weight kg	0.112 kg



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Remarks

Sat IF socket box with reverse-channel capable wide-band MATV/CATV outlets (splitter-filter combination).
GDA 313 F pass-through-socket