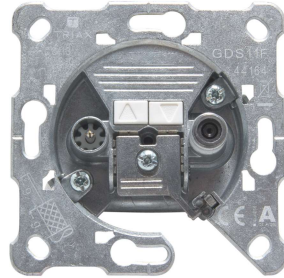


connecting the future



GDS 11 F outlet loop through

Article number: 306232

Product description:

2-hole SAT antenna outlet socket suitable for use in multi switch installations, single cable solutions and individual SAT installations. Extremely low distribution attenuation thanks to selective splitting of the frequency bands via filters. Outlets for SAT IF (F-socket) and RADIO/TV (IEC plug). Remote feed and DiSEqC enabled SAT-IF outlets as direct F-termination for SAT receiver. Loop-through type outlet

Specifications

ORDER INFORMATION	
EAN Number	5702663062320
SHIELDING	
Shielding @ 30-300 MHz	≥ 95.0 dB
Shielding @ 300-470 MHz	≥ 90.0 dB
Shielding @ 470-1000 MHz	≥ 85.0 dB
Shielding @ 1000...2400 MHz	≥ 65.0 dB
CHARACTERISTICS	
Type	GDS
Outlet Type	Loop through

FREQUENCY	
Frequency Range TV	5...862 MHz
Frequency Range SAT	950...2150 (2400) MHz
LOSS	
Through Loss IN-OUT	1.0 ±0.2 dB
Through Loss IN-TV	11.0 dB
Through Loss IN-SAT	11.5 dB
ISOLATION	
Isolation OUT-TV	30.0 dB
Isolation OUT-SAT	20.0 dB
Isolation TV-SAT	20.0 dB
RETURN LOSS	
Return Loss IN	13.0 dB
Return Loss OUT	14.0 dB
Return Loss SAT	10.0 dB
Return Loss TV	12.0 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
Certification	EN 50083-1, EN 50083-2, EN 50083-4
Screening Efficiency	EN50083-2 (Class A+10dB)
DC Passthrough IN-OUT	Yes (max. 24VDC / 0.5A)
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)
MTBF (mean time between failures)	>1.000.000 hours
Temperature - operating	-25...55 °C
Temperature - storage	-25...55 °C
Temperature - shipping	-40...70 °C
CONNECTORS	
Connector IN-OUT	Spring Clamp Termination
Connector TV	IEC-male
Adaptable Cable Diameters - Inner Conductor	0.58...1.15 mm
Adaptable Cable Diameters - F-female	0.6...1.13 mm

Adaptable Cable Diameters - Outer Conductor	3.7...5.8 mm
Adaptable Cable Diameters- Jacket	4.5...7.2 mm
MECHANICAL	
Tensile Strength - Inner Conductor 1 (Ø)	> 25 @ 0.75mm N/mm2
Tensile Strength - Inner Conductor 2 (Ø)	> 50 @ 1.13mm N/mm2
Plug-in Strength - with ø 1,1	25 N
Main material	Zinc diecast
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9 mm
Packaging Height	0,045 m
Packaging Width	0,071 m
Packaging Depth	0,071 m
Net Weight	0,100 kg
Tara Weight	0,009 kg
Total Weight	0,109 kg
Remarks	Conceived specially for SAT IF systems with optional DVB-T operation.