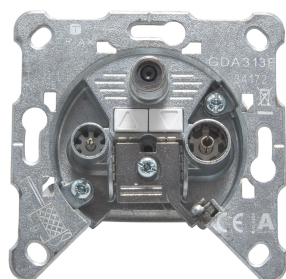


connecting the future



GDA 313 F SAT/CATV outlet loop through

Article number: 306221

Product description:

GDA 313 F

3-way SAT/CATV combination outlet.

Designed for SAT IF and CATV distribution. Manifold connection alternatives for the terminal equipment.

Specifications

ORDER INFORMATION	
EAN Number	5702663062214
SHIELDING	
Shielding @ 1000...2400 MHz	≥ 65.0 dB
Shielding @ 300-470 MHz	≥ 90.0 dB
Shielding @ 30-300 MHz	≥ 95.0 dB
Shielding @ 470-1000 MHz	≥ 85.0 dB
CHARACTERISTICS	
Outlet Type	Loop through
Type	GDA

FREQUENCY	
Frequency Range FM	5...118 MHz
Frequency Range IN-OUT	5...2150 (2400) MHz
Frequency Range SAT	950...2150 (2400) MHz
Frequency Range TV	5...862 MHz
LOSS	
Through Loss IN-FM	17.0 ±1.0 dB
Through Loss IN-OUT @SAT	1.8±1.0 dB
Through Loss IN-OUT	1.4±0.8 dB
Through Loss IN-SAT	12.0 ±1.5 dB
Through Loss IN-TV	12.5 ±1 dB
ISOLATION	
Isolation FM-SAT	35.0 dB
Isolation OUT-FM	35.0 dB
Isolation OUT-SAT	18.0 dB
Isolation OUT-TV	28.0 dB
Isolation TV-FM	25.0 dB
Isolation TV-SAT	20.0 dB
RETURN LOSS	
Return Loss FM	10.0 dB
Return Loss IN	16.0 (@40MHz -1.5dB/Oct.) dB
Return Loss - Out 5-40 MHz	18.0 dB @40MHz -1.5dB/Oct. dB
Return Loss OUT	15.0 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
DC Passthrough FM	NO - DC blocked at inner conductor
DC Passthrough IN-OUT	Yes (max. 25VDC / 0.5A)
DC Passthrough SAT	Yes (max. 25VDC / 0.5A directed)

DC Passthrough TV	NO - DC blocked at inner conductor
Screening Efficiency	EN50083-2 (Class A+10dB)
MTBF (mean time between failures)	>1.000.000 hours
Temperature - shipping	-40...70 °C
Temperature - storage	-25...55 °C
Temperature - operating	-25...55 °C
CONNECTORS	
Adaptable Cable Diameters - Inner Conductor	0,58...1.15 mm
Adaptable Cable Diameters - F-female	0.6...1.13 mm
Adaptable Cable Diameters- Jacket	4.5...7.2 mm
Adaptable Cable Diameters - Outer Conductor	3.7...5.8 mm
Connector FM	IEC-female
Connector IN-OUT	Spring Clamp Termination
Connector SAT	F-female
Connector TV	IEC-male
MECHANICAL	
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9 mm
Packaging Depth	0,700 m
Packaging Height	0,400 m
Total Weight	0,111 kg
Packaging Width	0,700 m
Net Weight	0,103 kg
Tara Weight	0,008 kg
Tensile Strength - Inner Conductor 2 (∅)	> 50 @ 1.13mm N/mm2
Tensile Strength - Inner Conductor 1 (∅)	> 25 @ 0.75mm N/mm2
Packaging Volume	0,196 m3
Main material	Zinc diecast

