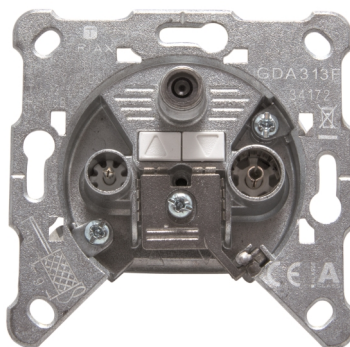


GDA 313 F SAT/CATV outlet loop through

Art. Number 306221



GDA 313 F

3-way SAT/CATV combination outlet.

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

Technical Specifications

ORDER INFORMATION

EAN Number 5702663062214

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 Loop through

FREQUENCY RANGE

Frequency Range IN-OUT | MHz 5...2150 (2400) MHz

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-OUT | dB 1.4 ± 0.8 dB

Through Loss IN-OUT @SAT | dB 1.8 ± 1.0 dB

Through Loss IN-FM | dB 17.0 ± 1.0 dB

Through Loss IN-TV | dB 12.5 ± 1 dB

Through Loss IN-SAT | dB 12.0 ± 1.5 dB

ISOLATION

Technical Specifications

Isolation OUT-FM dB	35.0 dB
Isolation OUT-TV dB	28.0 dB
Isolation OUT-SAT dB	18.0 dB
Isolation FM-SAT dB	35.0 dB
Isolation TV-SAT dB	20.0 dB
Isolation TV-FM dB	25.0 dB

RETURN LOSS

Return Loss IN dB	16.0 (@40MHz -1.5dB/Oct.) dB
Return Loss OUT dB	15.0 dB
Return Loss FM dB	10.0 dB
Return Loss SAT dB	10.0 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	Yes (max. 25VDC / 0.5A)
DC Passthrough TV	NO - DC blocked at inner conductor
DC Passthrough FM	NO - DC blocked at inner conductor
DC Passthrough SAT	Yes (max. 25VDC / 0.5A directed)
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 IN-OUT	Spring Clamp Termination
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
Dimensions carton (H x D x W) mm	10' pack: 75x142x229 mm



TRIAx

connecting the future

Technical Specifications

Packaging Height m	0.400 m
Packaging Width m	0.700 m
Packaging Depth m	0.700 m
Packaging Volume m3	0.196 m3
Net Weight kg	0.103 kg
Tara Weight kg	0.008 kg
Total Weight kg	0.111 kg