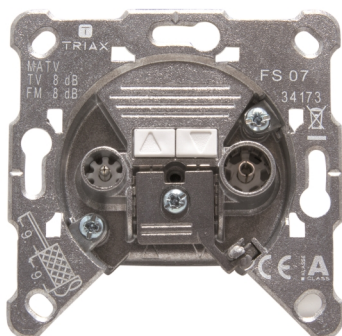


FS 07 outlet R/TV loop through

Art. Number 306291



Selective 2-hole filter antenna sockets, especially suitable for use in MATV installations or terrestrial individual installations.

- Loop-through socket for tap-out stub cables from the tap-off or for direct connection to single installation.

Technical Specifications

ORDER INFORMATION

EAN Number 5702663062917

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 Loop through

FREQUENCY RANGE

Frequency Range FM | MHz 87...108 MHz

Frequency Range IN-OUT | MHz 5...1000 MHz

Frequency Range TV | MHz 5...68 / 118...1000 MHz

LOSS

Through Loss IN-FM | dB 9.0 dB

Through Loss IN-OUT | dB 2.4 dB

Through Loss IN-TV | dB 8.0 dB

ISOLATION

Isolation OUT-FM | dB > 30 (@ 40MHz -1.5 dB/Oct.) dB

Isolation OUT-TV | dB > 30 (@ 40MHz -1.5 dB/Oct.) dB

Isolation TV-FM | dB > 10.0 dB



Technical Specifications

RETURN LOSS

Return Loss FM dB	> 10 dB
Return Loss IN dB	16.0...18.0 dB
Return Loss OUT dB	26.0 dB
Return Loss TV dB	> 14.0 (@ 40 MHz -1.5/Oct.) dB

ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

Certification	EN 50083-2, EN 60728-4
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 IN-OUT	Spring Clamp Termination
Connector TV	IEC-male

MECHANICAL

Packaging Depth m	0.071 m
Packaging Height m	0.035 m
Total Weight kg	0.104 kg
Packaging Width m	0.071 m
Main material	Zinc diecast
Net Weight kg	0.096 kg
Packing QTY	10
Tara Weight kg	0.008 kg
Tensile Strength - Inner Conductor 2 (\emptyset) N/mm ²	> 50 @ 1.13mm N/mm ²
Tensile Strength - Inner Conductor 1 (\emptyset) N/mm ²	> 25 @ 0.75mm N/mm ²
Packaging Volume m ³	0.000 m ³
Weight (kg) TB(D) kg	0.09 kg