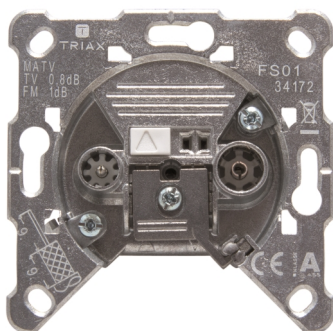


## FS 01 outlet R/TV terminated

Art. Number 306191



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

- End-type socket for tap-out from the tap-off or for direct connection to single installation.

### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702663061910

#### SHIELDING

Shielding @ 1000...2400 MHz | dB  $\geq 65.0$  dB

Shielding @ 300-470 MHz | dB  $\geq 90.0$  dB

Shielding @ 30-300 MHz | dB  $\geq 95.0$  dB

Shielding @ 470-1000 MHz | dB  $\geq 85.0$  dB

#### CHARACTERISTICS

Outlet Type Terminated

#### 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 1.0 dB

Through Loss IN-TV | dB  $0.7 \pm 1.0$  dB

#### ISOLATION

Isolation TV-FM | dB  $> 10.0$  dB

#### RETURN LOSS

Return Loss FM | dB  $> 10$  dB



## Technical Specifications

Return Loss IN   dB	> 14.0 (@ 40 MHz -1.5/Oct.) dB
Return Loss TV   dB	> 14.0 (@ 40 MHz -1.5/Oct.) dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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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 RF	IEC-female
Connector TV	IEC-male

### MECHANICAL

Packaging Depth   m	0.071 m
Packaging Height   m	0.035 m
Total Weight   kg	0.105 kg
Packaging Width   m	0.071 m
Main material	Zinc diecast
Net Weight   kg	0.096 kg
Packing QTY	10
Tara Weight   kg	0.009 kg
Tensile Strength - Inner Conductor 2 ( $\emptyset$ )   N/mm <sup>2</sup>	> 50 @ 1.13mm N/mm <sup>2</sup>
Tensile Strength - Inner Conductor 1 ( $\emptyset$ )   N/mm <sup>2</sup>	> 25 @ 0.75mm N/mm <sup>2</sup>
Packaging Volume   m <sup>3</sup>	0.000 m <sup>3</sup>
Weight (kg) TB(D)   kg	0.09 kg