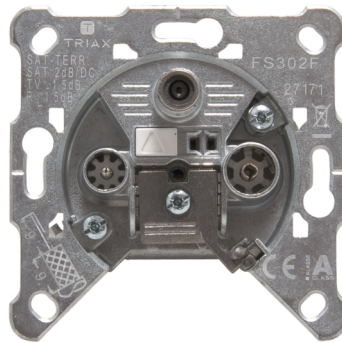




## FS 302 F SAT/TV/R outlet terminated

Art. Number 306151



3-hole SAT antenna outlet socket especially suitable for use in multi switch installations, single cable solutions and individual SAT installations.

- 3 connection possibilities: SAT receiver via the F-connector, terrestrial end devices via IEC-connectors, FM radio via IEC socket.
- Extremely low distribution attenuation thanks to selective splitting of the frequency bands via filters.
- Remote DC-feed via SAT outlet.
- terminated outlet for stub lines from multi switches.

### Technical Specifications

#### ORDER INFORMATION

EAN Number 5702663061514

#### SHIELDING

Shielding factor UHF   dB	> 85 (Class A) dB
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 Terminated

#### FREQUENCY RANGE

Frequency Range FM   MHz	87...108 MHz
Frequency Range TV   MHz	5...75/118...862 MHz
Frequency Range SAT   MHz	950...2150 (2400) MHz

#### LOSS

Through Loss IN-FM   dB	1.5 dB
Through Loss IN-TV   dB	1.5 dB
Through Loss IN-SAT   dB	2.0 (3.0 @2400Mhz) dB



## Technical Specifications

### ISOLATION

Isolation TV-RF | dB 20.0 dB

### RETURN LOSS

Return Loss FM | dB 20 dB

Return Loss SAT | dB 20 dB

Return Loss TV | dB 30 dB

### ELECTRICAL

Impedance |  $\Omega$  75  $\Omega$

### OPERATIONAL

Screening Efficiency EN50083-2 (Class A+10dB)

DC Passthrough SAT Yes (max. 24VDC / 0.5A)

MTBF (mean time between failures) | hours >1.000.000 hours

### CONNECTORS

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 ( $\emptyset$ ) | N/mm<sup>2</sup> > 25 @ 0.75mm N/mm<sup>2</sup>

Tensile Strength - Inner Conductor 2 ( $\emptyset$ ) | N/mm<sup>2</sup> > 50 @ 1.13mm N/mm<sup>2</sup>

Main material Zinc diecast

Weight (kg) TB(D) | kg 0.09 kg

Dimensions product (H x D x W) | mm 70.6 x 70.6 x 21.9 mm

Packaging Height | m 0.035 m

Packaging Width | m 0.071 m

Packaging Depth | m 0.071 m

Packaging Volume | m<sup>3</sup> 0.000 m<sup>3</sup>

Net Weight | kg 0.096 kg

Tara Weight | kg 0.008 kg

Total Weight | kg 0.104 kg

Remarks For sat IF systems (SMATV) with connection options for terrestrial