

## SCS 6, 6-way splitter, 2.4GHz

Art. Number 349826



### SCS 6 - 6 way splitter

TRIAX coaxial splitter ideal for SAT-IF and MATV distribution networks.

- Frequency range 5-2400 MHz
- DC pass via diodes from all outputs
- High shielding against ingress noise like radiated by LTE mobile
- High quality die-cast housing tin (Sn) coated with solder shield bottom plate
- Grounding clamp terminals

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663498266

### SHIELDING

Shielding efficiency VHF/UHF | dB >85 dB

### CHARACTERISTICS

#### FREQUENCY RANGE

Frequency range | MHz 5...2400 MHz

#### LOSS

Insertion loss (in-out) 1000-2150 MHz | dB 15.5 dB

Insertion loss (in-out) 2150-2400 Mhz | dB 16.5 dB

Insertion loss (in-out) 40-1000 Mhz | dB 11.5 dB

Insertion loss (in-out) 5-40 Mhz | dB 10.8 dB

#### ISOLATION

Isolation (tap-tap) 1000-2150 MHz | dB 23 dB

Isolation (tap-tap) 2150-2400 MHz | dB 23 dB

Isolation (tap-tap) 40-1000 MHz | dB 25 dB

Isolation (tap-tap) 5-40 MHz | dB 25 dB



## Technical Specifications

### RETURN LOSS

Return loss (in-out) 1000-2150 MHz   dB	12.5 dB
Return loss (in-out) 2150-2400 MHz   dB	12.0 dB
Return loss (in-out) 40-1000 MHz   dB	13.0 dB
Return loss (in-out) 5-40 MHz   dB	9.0 dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

Application	SAT-IF, MATV 2.4Ghz +DC(out->in)
Certification	EN 50581:2012 (RoHS II)
DC Passthrough	Yes (max. 0.5A/24V)
Screening Efficiency	EN50083-2 (Class A)
Environment	Indoor
Temperature - operating   °C	-30...+60 °C

### CONNECTORS

Connector Type	F-female (IEC 61 169-24)
Number of inputs	1
Number of outputs	6

### MECHANICAL

Product Depth   mm	17 mm
Packaging Depth   m	0.017 m
Packaging Height   m	0.118 m
Total Weight   kg	0.090 kg
Packaging Width   m	0.047 m
Product Height   mm	47 mm
Main material	Zinc diecast/Sn plated
Net Weight   kg	0.087 kg
Packaging	Polybag
Packing QTY	1
Tara Weight   kg	0.003 kg
Packaging Volume   m <sup>3</sup>	0.000 m <sup>3</sup>
Product Width   mm	118 mm