

SCS 8, 8-way splitter, 2.4GHz

Art. Number 349828



SCS 8 - 8 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 5702663498280

SHIELDING

Shielding efficiency VHF/UHF | dB >85 dB

FREQUENCY RANGE

Frequency range | MHz 5...2400 MHz

LOSS

Insertion loss (in-out) 5-40 Mhz dB	11.8 dB
Insertion loss (in-out) 40-1000 Mhz dB	13.0 dB
Insertion loss (in-out) 1000-2150 MHz dB	16.5 dB
Insertion loss (in-out) 2150-2400 Mhz dB	17.0 dB

ISOLATION

Isolation (tap-tap) 5-40 MHz dB	25 dB
Isolation (tap-tap) 40-1000 MHz dB	23 dB
Isolation (tap-tap) 1000-2150 MHz dB	23 dB
Isolation (tap-tap) 2150-2400 MHz dB	23 dB

RETURN LOSS

Technical Specifications

Return loss (in-out) 5-40 MHz dB	8.5 dB
Return loss (in-out) 40-1000 MHz dB	11.0 dB
Return loss (in-out) 1000-2150 MHz dB	13.0 dB
Return loss (in-out) 2150-2400 MHz dB	12.0 dB

ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

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

CONNECTORS

Number of inputs	1
Number of outputs	8
Connector Type	F-female (IEC 61 169-24)

MECHANICAL

Main material	Zinc diecast/Sn plated
Packaging	Polybag
Packing QTY	1
Product Height mm	47 mm
Product Width mm	118 mm
Product Depth mm	17 mm
Packaging Height m	0.118 m
Packaging Width m	0.047 m
Packaging Depth m	0.017 m
Packaging Volume m3	0.000 m3
Net Weight kg	0.087 kg
Tara Weight kg	0.003 kg
Total Weight kg	0.090 kg