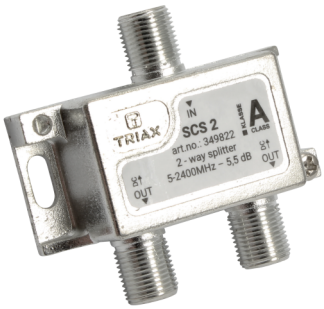
TRIAX

connecting the future

SCS 2, 2-way splitter, 2.4GHz

Art. Number 349822



SCS 2 - 2 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	5702663498228
SHIELDING	
Shielding effeciency VHF/UHF | dB	>85 dB
FREQUENCY RANGE	
Frequency range | MHz	5...2400 MHz
LOSS	
Insertion loss (in-out) 5-40 Mhz | dB	4.4 dB
Insertion loss (in-out) 40-1000 Mhz | dB	4.0 dB
Insertion loss (in-out) 1000-2150 MHz | dB	5.5 dB
Insertion loss (in-out) 2150-2400 Mhz | dB	6.0 dB
ISOLATION	
Isolation (tap-tap) 5-40 MHz | dB	22 dB
Isolation (tap-tap) 40-1000 MHz | dB	25 dB
Isolation (tap-tap) 1000-2150 MHz | dB	24 dB
Isolation (tap-tap) 2150-2400 MHz | dB	22 dB
RETURN LOSS	

Technical Specifications

Return loss (in-out) 5-40 MHz | dB	11.5 dB
Return loss (in-out) 40-1000 MHz | dB	15.0 dB
Return loss (in-out) 1000-2150 MHz | dB	12.0 dB
Return loss (in-out) 2150-2400 MHz | dB	11.0 dB
ELECTRICAL	
Impedance | Ω	75 Ω
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	2
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	52 mm
Product Depth | mm	17 mm
Packaging Height | m	0.052 m
Packaging Width | m	0.057 m
Packaging Depth | m	0.017 m
Packaging Volume | m3	0.000 m3
Net Weight | kg	0.035 kg
Tara Weight | kg	0.003 kg
Total Weight | kg	0.038 kg