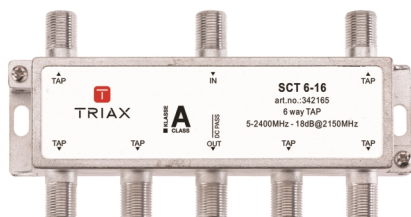


SCT 6-16, 6-way tap16dB 2.4GHz

Art. Number 342165



SCT 6-16 - 6 way tap
TRIAX coaxial tap ideal for SAT-IF and MATV distribution networks.

- Frequency range 5-2400 MHz
- DC pass via trunk line IN-OUT
- 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 5702663421653

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	6.5 dB
Insertion loss (in-out) 2150-2400 Mhz dB	7.5 dB
Insertion loss (in-out) 40-1000 Mhz dB	4.8 dB
Insertion loss (in-out) 5-40 Mhz dB	4.5 dB
Tap loss (in-tap) 1000-2150 MHz dB	18.0 dB
Tap loss (in-tap) 2150-2400 MHz dB	18.0 dB
Tap loss (in-tap) 40-1000 MHz dB	16.0 dB
Tap loss (in-tap) 5-40 MHz dB	16.0 dB

ISOLATION



Technical Specifications

Isolation (out-tap) 1000-2150 MHz dB	21 dB
Isolation (out-tap) 2150-2400 MHz dB	21 dB
Isolation (out-tap) 40-1000 MHz dB	23 dB
Isolation (out-tap) 5-40 MHz dB	25 dB
Isolation (tap-tap) 1000-2150 MHz dB	16 dB
Isolation (tap-tap) 2150-2400 MHz dB	21 dB
Isolation (tap-tap) 40-1000 MHz dB	22 dB
Isolation (tap-tap) 5-40 MHz dB	20 dB

RETURN LOSS

Return loss (in-out) 1000-2150 MHz dB	8.0 dB
Return loss (in-out) 2150-2400 MHz dB	8.0 dB
Return loss (in-out) 40-1000 MHz dB	10.0 dB
Return loss (in-out) 5-40 MHz dB	8.0 dB
Return loss (tap) 1000-2150 MHz dB	8.0 dB
Return loss (tap) 2150-2400 MHz dB	8.0 dB
Return loss (tap) 40-1000 MHz dB	10.0 dB
Return loss (tap) 5-40 MHz dB	8.0 dB

ELECTRICAL

Impedance Ω	75 Ω
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OPERATIONAL

Application	SAT-IF, MATV 2.4Ghz +DC(in<->out)
Certification	EN 50581:2012 (RoHS II)
DC Passthrough IN-OUT	max. 1A/30V
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	1
Number of taps	6

MECHANICAL

Product Depth mm	118 mm
Packaging Depth m	0.020 m
Packaging Height m	0.120 m
Total Weight kg	0.133 kg
Packaging Width m	0.060 m
Product Height mm	17.5 mm
Main material	Zinc diecast/Sn plated
Net Weight kg	0.132 kg



TRIAx

connecting the future

Technical Specifications

Packaging	Polybag
Packing QTY	1
Tara Weight kg	0.001 kg
Packaging Volume m3	0.000 m3
Product Width mm	58.3 mm