

## SCT 1-16, 1-way tap 16dB 2.4GHz

Art. Number 342153



SCT 1-16 - 1 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 5702663421530

#### 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	1.8 dB
Insertion loss (in-out) 2150-2400 Mhz   dB	2.3 dB
Insertion loss (in-out) 40-1000 Mhz   dB	1.3 dB
Insertion loss (in-out) 5-40 Mhz   dB	1.2 dB
Tap loss (in-tap) 1000-2150 MHz   dB	16.0 dB
Tap loss (in-tap) 2150-2400 MHz   dB	16.0 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	23 dB
Isolation (out-tap) 2150-2400 MHz   dB	23 dB
Isolation (out-tap) 40-1000 MHz   dB	26 dB
Isolation (out-tap) 5-40 MHz   dB	32 dB

### RETURN LOSS

Return loss (in-out) 1000-2150 MHz   dB	12.0 dB
Return loss (in-out) 2150-2400 MHz   dB	10.0 dB
Return loss (in-out) 40-1000 MHz   dB	13.0 dB
Return loss (in-out) 5-40 MHz   dB	15.0 dB
Return loss (tap) 1000-2150 MHz   dB	12.0 dB
Return loss (tap) 2150-2400 MHz   dB	12.0 dB
Return loss (tap) 40-1000 MHz   dB	13.0 dB
Return loss (tap) 5-40 MHz   dB	15.0 dB

### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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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	1

### MECHANICAL

Product Depth   mm	52 mm
Packaging Depth   m	0.020 m
Packaging Height   m	0.055 m
Total Weight   kg	0.048 kg
Packaging Width   m	0.050 m
Product Height   mm	16.5 mm
Main material	Zinc diecast/Sn plated
Net Weight   kg	0.047 kg
Packaging	Polybag
Packing QTY	1
Tara Weight   kg	0.001 kg
Packaging Volume   m3	0.000 m3



# TRIAx

connecting the future

## Technical Specifications

Product Width | mm

49.5 mm