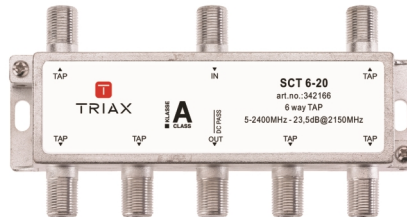


## SCT 6-20, 6-way tap20dB 2.4GHz

Art. Number 342166



SCT 6-20 - 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 5702663421660

#### 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	4.5 dB
Insertion loss (in-out) 2150-2400 Mhz   dB	5.5 dB
Insertion loss (in-out) 40-1000 Mhz   dB	2.8 dB
Insertion loss (in-out) 5-40 Mhz   dB	2.5 dB
Tap loss (in-tap) 1000-2150 MHz   dB	23.5 dB
Tap loss (in-tap) 2150-2400 MHz   dB	23.5 dB
Tap loss (in-tap) 40-1000 MHz   dB	20.5 dB
Tap loss (in-tap) 5-40 MHz   dB	20.0 dB

#### ISOLATION



## Technical Specifications

Isolation (out-tap) 1000-2150 MHz   dB	22 dB
Isolation (out-tap) 2150-2400 MHz   dB	20 dB
Isolation (out-tap) 40-1000 MHz   dB	22 dB
Isolation (out-tap) 5-40 MHz   dB	30 dB
Isolation (tap-tap) 1000-2150 MHz   dB	16 dB
Isolation (tap-tap) 2150-2400 MHz   dB	20 dB
Isolation (tap-tap) 40-1000 MHz   dB	21 dB
Isolation (tap-tap) 5-40 MHz   dB	20 dB

### RETURN LOSS

Return loss (in-out) 1000-2150 MHz   dB	9.0 dB
Return loss (in-out) 2150-2400 MHz   dB	8.0 dB
Return loss (in-out) 40-1000 MHz   dB	12.0 dB
Return loss (in-out) 5-40 MHz   dB	10.0 dB
Return loss (tap) 1000-2150 MHz   dB	9.0 dB
Return loss (tap) 2150-2400 MHz   dB	8.0 dB
Return loss (tap) 40-1000 MHz   dB	12.0 dB
Return loss (tap) 5-40 MHz   dB	10.0 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	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