



TRIAX

connecting the future



AFC 1681 - 8 way tap

Article number: 343138

Product description:

AFC 1681 - 8 way tap

TRIAX tap with excellent performance for CATV with DOCSIS 2.0/3.0/3.1

- Frequency range 5-1200 MHz
- High shielding
- Return loss Grade 2
- High quality die cast housing CuSn coated
- Acc. to EN 50083-2 & EN 60728-4

Specifications

ORDER INFORMATION	
EAN Number	5702663431386
SHIELDING	
Shielding efficiency VHF/UHF	> 110 dB
CHARACTERISTICS	
Type	COAX tap
FREQUENCY	

Frequency range	5...1218 MHz
LOSS	
Tap loss (in-tap) 5-40 MHz	16 +- 1 dB
Tap loss (in-tap) 40-470 MHz	16 +- 1 dB
Tap loss (in-tap) 470-860 MHz	16 +- 1 dB
Tap loss (in-tap) 860-1000 MHz	16 +- 1.2 dB
Tap loss (in-tap) 1000-1200 MHz	16 +- 2 dB
Insertion loss (in-out) 5-40 Mhz	8.0 +-0.5 dB
Insertion loss (in-out) 40-470 MHz	8.0 +-0.7 dB
Insertion loss (in-out) 470-860 MHz	8.0 +-1.0 dB
Insertion loss (in-out) 860-1000 MHz	8.0 +-1.2 dB
Insertion loss (in-out) 1000-1200 MHz	8.0 +-2.0 dB
ISOLATION	
Isolation (tap-tap) 5-40 MHz	40 dB
Isolation (out-tap) 5-40 MHz	30 dB
Isolation (tap-tap) 40-470 MHz	36 dB
Isolation (out-tap) 40-470 MHz	26 dB
Isolation (tap-tap) 470-860 MHz	35 dB
Isolation (out-tap) 470-860 MHz	25 dB
Isolation (tap-tap) 860-1000 MHz	30 dB
Isolation (out-tap) 860-1000 MHz	24 dB
Isolation (out-tap) 1000-1200 MHz	23 dB

Isolation (tap-tap) 1000-1200 MHz	30 dB
RETURN LOSS	
Return loss (in-out) 5-40 MHz	20 dB
Return loss (tap) 5-40 MHz	20 dB
Return loss (in-out) 40-470 MHz	18 dB
Return loss (tap) 40-470 MHz	18 dB
Return loss (in-out) 470-860 MHz	16 dB
Return loss (tap) 470-860 MHz	16 dB
Return loss (in-out) 860-1000 MHz	16 dB
Return loss (tap) 860-1000 MHz	16 dB
Return loss (in-out) 1000-1200 MHz	12 dB
Return loss (tap) 1000-1200 MHz	12 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
Application	CATV +DOCSIS
Screening Efficiency	EN50083-2 (Class A)
DOCSIS	3.1
DC Passthrough	NO - DC blocked at inner conductor
Certification	IEC 60 728-2, IEC 60 728-4, IEC 60 728-11
Environment	Indoor
CONNECTORS	
Number of inputs	1
Number of outputs	1
Number of taps	8
MECHANICAL	

Main material	Zinc diecast/CuSn plated
Product Depth	40 mm
Product Height	61 mm
Product Width	135 mm
Packing QTY	1
Packaging Height	0,060 m
Packaging Width	0,135 m
Packaging Depth	0,040 m
Net Weight	0,310 kg
Tara Weight	0,010 kg
Total Weight	0,320 kg