



connecting the future

TRIAX



AFC 1611 - 1 way tap

Article number: 343103

Product description:

AFC 1611 - 1 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	5702663431034
SHIELDING	
Shielding effeciency VHF/UHF	> 110 dB
CHARACTERISTICS	
Type	COAX tap
FREQUENCY	

Frequency range	5...1218 MHz
LOSS	
Tap loss (in-tap) 5-40 MHz	16 dB
Tap loss (in-tap) 40-470 MHz	16 dB
Tap loss (in-tap) 470-860 MHz	16 dB
Tap loss (in-tap) 860-1000 MHz	16 +- 1 dB
Tap loss (in-tap) 1000-1200 MHz	16 +- 2 dB
Insertion loss (in-out) 5-40 Mhz	0.5 +-0.4 dB
Insertion loss (in-out) 40-470 MHz	0.5 +-0.4 dB
Insertion loss (in-out) 470-860 MHz	0.6 +-0.5 dB
Insertion loss (in-out) 860-1000 MHz	0.7 +-0.4 dB
Insertion loss (in-out) 1000-1200 MHz	1.0 +-0.4 dB
ISOLATION	
Isolation (out-tap) 5-40 MHz	36 dB
Isolation (out-tap) 40-470 MHz	32 dB
Isolation (out-tap) 470-860 MHz	30 dB
Isolation (out-tap) 860-1000 MHz	30 dB
Isolation (out-tap) 1000-1200 MHz	27 dB
RETURN LOSS	
Return loss (in-out) 5-40 MHz	22 dB
Return loss (tap) 5-40 MHz	22 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	18 dB
Return loss (tap) 470-860 MHz	18 dB
Return loss (in-out) 860-1000 MHz	18 dB
Return loss (tap) 860-1000 MHz	18 dB
Return loss (in-out) 1000-1200 MHz	14 dB
Return loss (tap) 1000-1200 MHz	14 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	1
Connector Type	F-female
MECHANICAL	
Main material	Zinc diecast/CuSn plated
Product Depth	20 mm
Product Height	53 mm
Product Width	48 mm
Packing QTY	1
Packaging Height	0,025 m
Packaging Width	0,050 m
Packaging Depth	0,050 m
Net Weight	0,055 kg
Tara Weight	0,007 kg
Total Weight	0,062 kg