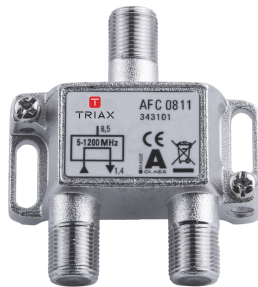


connecting the future



AFC 0811 - 1 way tap

Article number: 343101

Product description:

AFC 0811 - 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	5702663431010
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SHIELDING

Shielding efficiency VHF/UHF	> 110 dB
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CHARACTERISTICS

Type	COAX tap
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FREQUENCY

Frequency range	5...1218 MHz
LOSS	
Tap loss (in-tap) 5-40 MHz	8.5 dB
Tap loss (in-tap) 40-470 MHz	8.5 dB
Tap loss (in-tap) 470-860 MHz	8.5 dB
Tap loss (in-tap) 860-1000 MHz	8.5 +- 1 dB
Tap loss (in-tap) 1000-1200 MHz	8.5 +- 1.2 dB
Insertion loss (in-out) 5-40 Mhz	1.3 +-0.5 dB
Insertion loss (in-out) 40-470 MHz	1.3 +-0.5 dB
Insertion loss (in-out) 470-860 MHz	1.7+-0.3 dB
Insertion loss (in-out) 860-1000 MHz	1.7 +-0.5 dB
Insertion loss (in-out) 1000-1200 MHz	2.0 +-0.5 dB
ISOLATION	
Isolation (out-tap) 5-40 MHz	30 dB
Isolation (out-tap) 40-470 MHz	28 dB
Isolation (out-tap) 470-860 MHz	26 dB
Isolation (out-tap) 860-1000 MHz	24 dB
Isolation (out-tap) 1000-1200 MHz	22 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	20 dB
Return loss (tap) 40-470 MHz	20 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	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