

AFC 1241 - 4 way tap

Art. Number 343135



AFC 1241 - 4 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

Technical Specifications

ORDER INFORMATION

EAN Number 5702663431355

SHIELDING

Shielding efficiency VHF/UHF | dB > 110 dB

FREQUENCY RANGE

Frequency range | MHz 5...1218 MHz

LOSS

Tap loss (in-tap) 5-40 MHz dB	12 +- 1 dB
Tap loss (in-tap) 40-470 MHz dB	12 +- 1 dB
Tap loss (in-tap) 470-860 MHz dB	12 +- 1 dB
Tap loss (in-tap) 860-1000 MHz dB	12 +- 1.2 dB
Tap loss (in-tap) 1000-1200 MHz dB	12 +- 2 dB
Insertion loss (in-out) 5-40 Mhz dB	4.6 +-0.5 dB
Insertion loss (in-out) 40-470 MHz dB	4.6 +-0.5 dB
Insertion loss (in-out) 470-860 MHz dB	4.6 +-1.0 dB
Insertion loss (in-out) 860-1000 MHz dB	4.6 +-1.2 dB
Insertion loss (in-out) 1000-1200 MHz dB	4.6 +-2.0 dB



Technical Specifications

ISOLATION

Isolation (tap-tap) 5-40 MHz dB	38 dB
Isolation (out-tap) 5-40 MHz dB	30 dB
Isolation (tap-tap) 40-470 MHz dB	38 dB
Isolation (out-tap) 40-470 MHz dB	26 dB
Isolation (tap-tap) 470-860 MHz dB	32 dB
Isolation (out-tap) 470-860 MHz dB	26 dB
Isolation (tap-tap) 860-1000 MHz dB	30 dB
Isolation (out-tap) 860-1000 MHz dB	24 dB
Isolation (out-tap) 1000-1200 MHz dB	20 dB
Isolation (tap-tap) 1000-1200 MHz dB	28 dB

RETURN LOSS

Return loss (in-out) 5-40 MHz dB	20 dB
Return loss (tap) 5-40 MHz dB	20 dB
Return loss (in-out) 40-470 MHz dB	18 dB
Return loss (tap) 40-470 MHz dB	18 dB
Return loss (in-out) 470-860 MHz dB	18 dB
Return loss (tap) 470-860 MHz dB	16 dB
Return loss (in-out) 860-1000 MHz dB	16 dB
Return loss (tap) 860-1000 MHz dB	16 dB
Return loss (in-out) 1000-1200 MHz dB	12 dB
Return loss (tap) 1000-1200 MHz dB	12 dB

ELECTRICAL

Impedance Ω	75 Ω
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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	4

MECHANICAL

Main material	Zinc diecast/CuSn plated
Packing QTY	1
Product Height mm	60.9 mm



Technical Specifications

Product Width mm	91 mm
Product Depth mm	40.3 mm
Packaging Height m	0.060 m
Packaging Width m	0.090 m
Packaging Depth m	0.040 m
Packaging Volume m ³	0.000 m ³
Net Weight kg	0.200 kg
Tara Weight kg	0.010 kg
Total Weight kg	0.210 kg