

AFC 2021 - 2 way tap

Art. Number 343134



AFC 2021 - 2 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 5702663431348

SHIELDING

Shielding efficiency VHF/UHF | dB > 110 dB

CHARACTERISTICS

FREQUENCY RANGE

Frequency range | MHz 5...1218 MHz

LOSS

Insertion loss (in-out) 1000-1200 MHz dB	1.6 +-0.7 dB
Insertion loss (in-out) 40-470 MHz dB	0.8 +-0.5 dB
Insertion loss (in-out) 470-860 MHz dB	1.0 +-0.4 dB
Insertion loss (in-out) 5-40 Mhz dB	0.8 +-0.5 dB
Insertion loss (in-out) 860-1000 MHz dB	1.0 +-0.6 dB
Tap loss (in-tap) 1000-1200 MHz dB	20.5 +- 2 dB
Tap loss (in-tap) 40-470 MHz dB	20.5 +- 1.2 dB
Tap loss (in-tap) 470-860 MHz dB	20.5 dB
Tap loss (in-tap) 5-40 MHz dB	20.5 +- 1.2 dB



Technical Specifications

Tap loss (in-tap) 860-1000 MHz | dB 20.5 dB

ISOLATION

Isolation (out-tap) 1000-1200 MHz | dB 26 dB

Isolation (out-tap) 40-470 MHz | dB 32 dB

Isolation (out-tap) 470-860 MHz | dB 32 dB

Isolation (out-tap) 5-40 MHz | dB 36 dB

Isolation (out-tap) 860-1000 MHz | dB 30 dB

Isolation (tap-tap) 1000-1200 MHz | dB 36 dB

Isolation (tap-tap) 40-470 MHz | dB 50 dB

Isolation (tap-tap) 470-860 MHz | dB 50 dB

Isolation (tap-tap) 5-40 MHz | dB 54 dB

Isolation (tap-tap) 860-1000 MHz | dB 36 dB

RETURN LOSS

Return loss (in-out) 1000-1200 MHz | dB 12 dB

Return loss (in-out) 40-470 MHz | dB 18 dB

Return loss (in-out) 470-860 MHz | dB 16 dB

Return loss (in-out) 5-40 MHz | dB 22 dB

Return loss (in-out) 860-1000 MHz | dB 16 dB

Return loss (tap) 1000-1200 MHz | dB 12 dB

Return loss (tap) 40-470 MHz | dB 18 dB

Return loss (tap) 470-860 MHz | dB 16 dB

Return loss (tap) 5-40 MHz | dB 22 dB

Return loss (tap) 860-1000 MHz | dB 14 dB

ELECTRICAL

Impedance | Ω 75 Ω

OPERATIONAL

Application CATV +DOCSIS

Certification IEC 60 728-2, IEC 60 728-4, IEC 60 728-11

DC Passthrough NO - DC blocked at inner conductor

DOCSIS 3.1

Screening Efficiency EN50083-2 (Class A)

Environment Indoor

CONNECTORS

Number of inputs 1

Number of outputs 1

Number of taps 2

MECHANICAL

Product Depth | mm 20 mm

Packaging Depth | m 0.050 m



Technical Specifications

Packaging Height m	0.025 m
Total Weight kg	0.085 kg
Packaging Width m	0.070 m
Product Height mm	52.5 mm
Main material	Zinc diecast/CuSn plated
Net Weight kg	0.078 kg
Packing QTY	1
Tara Weight kg	0.007 kg
Packaging Volume m3	0.000 m3
Product Width mm	69.7 mm