

## AFC 0921 - 2 way tap

Art. Number 343131



### AFC 0921 - 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 5702663431317

### 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	4.3 +-0.7 dB
Insertion loss (in-out) 40-470 MHz   dB	2.6 +-1.3 dB
Insertion loss (in-out) 470-860 MHz   dB	3.0 +-0.9 dB
Insertion loss (in-out) 5-40 Mhz   dB	2.6 +-1.3 dB
Insertion loss (in-out) 860-1000 MHz   dB	3.2 +-1.1 dB
Tap loss (in-tap) 1000-1200 MHz   dB	8.5 +- 2 dB
Tap loss (in-tap) 40-470 MHz   dB	8.5 dB
Tap loss (in-tap) 470-860 MHz   dB	8.5 dB
Tap loss (in-tap) 5-40 MHz   dB	8.5 dB



## Technical Specifications

Tap loss (in-tap) 860-1000 MHz | dB 8.5 dB

### ISOLATION

Isolation (out-tap) 1000-1200 MHz | dB 20 dB

Isolation (out-tap) 40-470 MHz | dB 24 dB

Isolation (out-tap) 470-860 MHz | dB 22 dB

Isolation (out-tap) 5-40 MHz | dB 28 dB

Isolation (out-tap) 860-1000 MHz | dB 22 dB

Isolation (tap-tap) 1000-1200 MHz | dB 25 dB

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

Isolation (tap-tap) 470-860 MHz | dB 30 dB

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

Isolation (tap-tap) 860-1000 MHz | dB 30 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 18 dB

Return loss (in-out) 5-40 MHz | dB 20 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 |  $\Omega$  75  $\Omega$

### 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