

Triax taps - STT series [5-2400 MHz]



Technical data 5-2400 MHz standard range in 6- and 8-way taps

TYPE Art. No.		STT 6-16 348616	STT 6-20 348620	STT 6-24 348624	STT 6-30 348630	STT 8-16 348816	STT 8-20 348820
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	6	6	6	6	8	8
Insertion loss (in - out)							
5 - 40 MHz	dB	< 4.5	< 2.5	< 2.0	< 2.0	< 4.5	< 2.5
40 - 1000 MHz	dB	< 5.0	< 3.0	< 3.0	< 3.0	< 5.0	< 3.0
1000 - 1750 MHz	dB	< 6.0	< 4.0	< 4.0	< 4.0	< 6.0	< 4.0
1750 - 2150 MHz	dB	< 7.0	< 5.0	< 5.0	< 5.0	< 7.0	< 5.0
2150 - 2400 MHz	dB	< 8.0	< 6.0	< 6.0	< 6.0	< 8.0	< 6.0
Tap loss							
5 - 40 MHz	dB	16.0 (± 2.0)	20.0 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.0 (± 2.0)
40 - 1000 MHz	dB	16.0 (± 2.0)	20.5 (± 2.0)	25.0 (± 2.0)	30.0 (± 2.0)	16.0 (± 2.0)	20.5 (± 2.0)
1000 - 1750 MHz	dB	18.0 (± 2.0)	21.0 (± 3.0)	25.0 (± 3.0)	30.0 (± 3.0)	18.0 (± 2.0)	21.0 (± 3.0)
1750 - 2150 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
2150 - 2400 MHz	dB	19.0 (± 3.0)	21.5 (± 4.0)	25.0 (± 4.0)	30.0 (± 4.0)	19.0 (± 3.0)	21.5 (± 4.0)
Isolation							
5 - 40 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1000 - 1750 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 12.0	> 12.0
Return loss (in)							
5 - 40 MHz	dB	> 25.0	> 30.0	> 30.0	> 40.0	> 25.0	> 30.0
40 - 1000 MHz	dB	> 22.0	> 20.0	> 20.0	> 20.0	> 22.0	> 20.0
1000 - 1750 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1750 - 2150 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
2150 - 2400 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
Return loss (out)							
5 - 40 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
40 - 1000 MHz	dB	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0	> 20.0
1000 - 1750 MHz	dB	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0	> 17.0
1750 - 2150 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
2150 - 2400 MHz	dB	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0	> 15.0
Shielding efficiency VHF/UHF	dB	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0	≥ 110.0
Power pass		In/Out	In/Out	In/Out	In/Out	In/Out	In/Out
Connectors		F-connector	F-connector	F-connector	F-connector	F-connector	F-connector
Certification		CE	CE	CE	CE	CE	CE
Impedance	Ohm	75	75	75	75	75	75
Weight	kg	0.137	0.137	0.137	0.137	0.137	0.137
Dimensions (h x d x w)	mm	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117	60 x 16 x 117