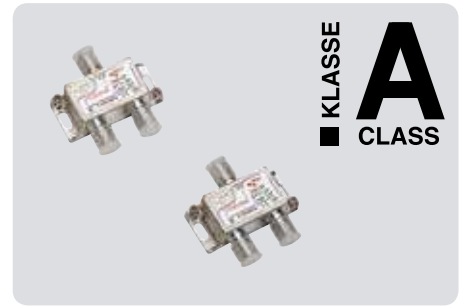


Triax taps - STT series [5-2400 MHz]



Technical data 5-2400 MHz standard range in 1-way taps

TYPE Art. No.		STT 1-8 348108	STT 1-10 348110	STT 1-12 348112	STT 1-16 348116	STT 1-20 348120	STT 1-24 348124
Frequency range	MHz	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400	5 - 2400
Outputs	pcs	1	1	1	1	1	1
Insertion loss							
5 - 40 MHz	dB	< 2.2	< 1.7	< 1.5	< 1.2	< 1.2	< 1.2
40 - 1000 MHz	dB	< 2.2	< 1.9	< 1.7	< 1.2	< 1.2	< 1.2
1000 - 1750 MHz	dB	< 3.2	< 2.2	< 2.2	< 1.9	< 1.9	< 1.9
1750 - 2150 MHz	dB	< 4.7	< 3.2	< 2.7	< 2.2	< 2.2	< 2.2
2150 - 2400 MHz	dB	< 5.0	< 3.5	< 3.2	< 2.5	< 2.5	< 2.5
Tap loss							
5 - 40 MHz	dB	8.5 (± 2.0)	11.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
40 - 1000 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1000 - 1750 MHz	dB	8.0 (± 1.5)	10.0 (± 1.5)	12.0 (± 1.5)	15.0 (± 1.5)	20.0 (± 1.5)	24.0 (± 1.5)
1750 - 2150 MHz	dB	8.0 (± 2.0)	10.0 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
2150 - 2400 MHz	dB	8.5 (± 2.0)	10.5 (± 2.0)	12.0 (± 2.0)	15.0 (± 2.0)	20.0 (± 2.0)	24.0 (± 2.0)
Isolation							
5 - 40 MHz	dB	> 18.0	> 25.0	> 28.0	> 28.0	> 32.0	> 32.0
40 - 1000 MHz	dB	> 20.0	> 22.0	> 25.0	> 25.0	> 30.0	> 30.0
1000 - 1750 MHz	dB	> 20.0	> 22.0	> 22.0	> 25.0	> 25.0	> 25.0
1750 - 2150 MHz	dB	> 18.0	> 20.0	> 20.0	> 22.0	> 25.0	> 25.0
2150 - 2400 MHz	dB	> 18.0	> 18.0	> 20.0	> 22.0	> 25.0	> 25.0
Return loss (in - out)							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1000 - 1750 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
Return loss (tap)							
5 - 40 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
40 - 1000 MHz	dB	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0	> 16.0
1000 - 1750 MHz	dB	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0	> 14.0
1750 - 2150 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
2150 - 2400 MHz	dB	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0	> 12.0
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	0.046	0.046	0.046	0.046	0.046	0.046
Dimensions (h x d x w)	mm	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52	50 x 16 x 52