

STZ Series Broadband Taps

➤ Tongue and groove housing design for improved EMI / RFI shielding.

➡ 1-Way Taps for indoor



Item	Unit	Specifications							
		6	8	10	12	14	16	18	20
Tap loss	Rating	± 1.5							
	Tolerance								
Insertion loss	(5-65) MHz	2.6	2.0	1.7	1.3	1.1	1.0	0.8	0.7
	(65-550) MHz	2.6	2.0	1.9	1.4	1.2	1.1	1.0	0.8
	(550-750) MHz	2.6	2.0	1.9	1.4	1.2	1.1	1.0	0.8
	(750-1000) MHz	3.0	2.2	2.0	1.5	1.3	1.1	1.0	0.9
Tap to output isolation	(5-65) MHz	28	28	28	30	30	32	34	36
	(65-550) MHz	28	28	30	30	32	32	34	36
	(550-750) MHz	28	30	30	30	32	32	34	36
	(750-1000) MHz	20	22	25	25	28	30	32	32
Return loss	(5-65) MHz	16							
	(65-550) MHz	16							
	(550-750) MHz	16							
	(750-1000)MHz	14							
RFI Shielding		110							

➡ 2-Way Taps for indoor



Item	Unit	Specifications							
		8	10	12	14	16	18	20	
Tap loss	Rating	± 1.5							
	Tolerance								
Insertion loss	(5-65) MHz	3.5	2.7	1.8	1.7	1.3	1.1	1.0	
	(65-550) MHz	3.8	2.9	1.8	1.9	1.4	1.3	1.1	
	(550-750) MHz	3.8	2.9	1.9	1.9	1.6	1.4	1.1	
	(750-1000) MHz	4.0	3.3	2.0	2.0	1.7	1.6	1.1	
Tap to output isolation	(5-65) MHz	25	28	28	30	32	32	34	
	(65-550) MHz	28	28	28	30	32	32	34	
	(550-750) MHz	28	28	28	30	32	32	34	
	(750-1000) MHz	25	25	25	25	28	28	30	
Isolation	(5-65) MHz	25	25	28	28	28	28	30	
	(65-550) MHz	30	30	30	32	32	32	32	
	(550-750) MHz	28	30	30	30	30	30	30	
	(750-1000) MHz	25	25	25	25	25	25	25	
Return loss	(5-65) MHz	16							
	(65-550) MHz	16							
	(550-750) MHz	16							
	(750-1000) MHz	14							
RFI Shielding		110							

➡ 3-Way Taps for indoor



Item	Unit	Specifications						
		10	12	14	16	18	20	
Tap loss	Rating	± 1.5						
	Tolerance							
Insertion loss	(5-65) MHz	3.5	2.7	2.0	1.8	1.3	1.1	
	(65-550) MHz	3.8	2.8	2.1	2.0	1.4	1.2	
	(550-750) MHz	3.8	2.8	2.2	2.0	1.4	1.3	
	(750-1000) MHz	4.2	3.2	2.4	2.2	1.5	1.5	
Tap to output isolation	(5-65) MHz	25	28	28	30	32	32	
	(65-550) MHz	28	28	28	30	30	32	
	(550-750) MHz	28	28	28	30	30	32	
	(750-1000) MHz	25	25	25	25	28	30	
Isolation	(5-65) MHz	28						
	(65-550) MHz	28						
	(550-750) MHz	28						
	(750-1000) MHz	25						
Return loss	(5-65) MHz	16						
	(65-550) MHz	16						
	(550-750) MHz	16						
	(750-1000) MHz	14						
RFI Shielding		110						

STZ Series Broadband Taps

➔ 4-Way Taps for indoor



Item		Unit	Specifications				
Tap loss	Rating	dB	12	14	16	18	20
	Tolerance		± 1.5				
Insertion loss	(5-65) MHz	dBMax.	3.0	2.6	2.0	2.0	1.1
	(65-550) MHz		3.5	2.8	2.1	2.1	1.4
	(550-750) MHz		3.5	2.8	2.1	2.1	1.4
	(750-1000) MHz		3.8	3.0	2.3	2.1	1.5
Tap to output isolation	(5-65) MHz	dBMin.	25	28	30	30	32
	(65-550) MHz		28	30	30	30	32
	(550-750) MHz		28	30	30	30	32
	(750-1000) MHz		25	28	28	28	30
Isolation	(5-65) MHz	dBMin.	25	28	28	30	32
	(65-550) MHz		28	28	30	30	32
	(550-750) MHz		28	28	30	30	32
	(750-1000) MHz		22	25	25	25	28
Return loss	(5-65) MHz	dBMin.	16				
	(65-550) MHz		16				
	(550-750) MHz		16				
	(750-1000) MHz		14				
RFI Shielding		dBMin.	110				

➔ 1-Way Taps for outdoor



Item		Unit	Specifications						
Tap loss	Rating	dB	8	10	12	14	16	18	20
	Tolerance		± 1.5						
Insertion loss	(5-65) MHz	dBMax.	2.5	2.4	2.0	1.6	1.5	1.5	1.5
	(65-550) MHz		2.3	2.2	1.8	1.4	1.3	1.3	1.3
	(550-750) MHz		2.7	2.4	2.0	1.8	1.6	1.6	1.6
	(750-1000) MHz		3.0	2.6	2.3	2.2	2.1	2.0	2.0
Tap to output isolation	(5-65) MHz	dBMin.	22	25	25	28	28	28	28
	(65-550) MHz		22	25	25	25	28	28	28
	(550-750) MHz		22	25	25	25	25	25	25
	(750-1000) MHz		20	20	22	20	22	22	22
Return loss	(5-65) MHz	dBMin.	14						
	(65-550) MHz		16						
	(550-750) MHz		16						
	(750-1000) MHz		14						
RFI Shielding		dBMin.	110						
Flatness		dB	± 1.0						
Signal Hum Ratio		dBMin.	66						
Current Capacity		A	10						
Pass Voltage		V	60 (50-60Hz)						

➔ 2-Way Taps for outdoor



Item		Unit	Specifications						
Tap loss	Rating	dB	8	10	12	14	16	18	20
	Tolerance		± 1.5						
Insertion loss	(5-65) MHz	dBMax.	4.2	3.2	2.3	2.2	2.0	1.5	1.5
	(65-550) MHz		4.2	3.2	2.3	2.1	2.0	1.5	1.5
	(550-750) MHz		4.5	3.6	2.6	2.1	2.0	1.8	1.8
	(750-1000) MHz		4.5	3.7	2.9	2.6	2.5	2.2	2.0
Tap to output isolation	(5-65) MHz	dBMin.	25	25	25	28	28	28	30
	(65-550) MHz		25	25	25	28	28	28	30
	(550-750) MHz		25	25	25	25	25	28	28
	(750-1000) MHz		20	20	20	22	22	24	24
Isolation	(5-65) MHz	dBMin.	25	25	28	28	30	30	30
	(65-550) MHz		25	25	28	30	30	30	30
	(550-750) MHz		25	25	25	25	25	25	25
	(750-1000) MHz		20	20	20	22	22	25	25
Return loss	(5-65) MHz	dBMin.	14						
	(65-550) MHz		16						
	(550-750) MHz		16						
	(750-1000) MHz		14						
RFI shielding		dBMin.	110						
Flatness		dB	± 1.0						
Signal hum ratio		dBMin.	66						
Current capacity		A	10						
Pass voltage		V	60 (50-60Hz)						