

# 1GHz Outdoor Trunk-Line Passive Elements

- All ports are 5/8" -24 type.
- Power passing between all ports.

2-Way Splitter  
Model:STPZ204



3-Way Splitter  
Model:STPZ306

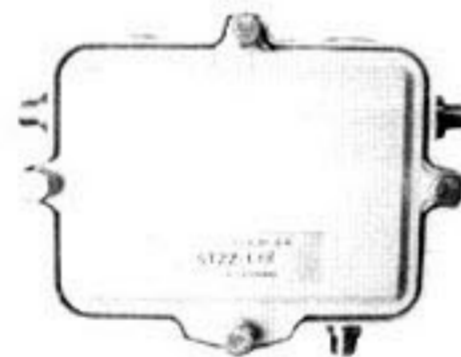


4-Way Splitter  
Model:STPZ408

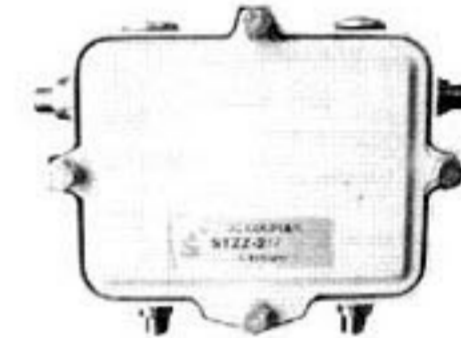


Item	Unit	Model			
		STPZ 204	STPZ 306	STPZ 408	
Insertion Loss	(5~65)MHz	dBMax.	4.0	6.8	8.0
	(65~550)MHz		4.2	6.8	8.0
	(550~750)MHz		4.9	7.2	8.5
	(750~1000)MHz		5.5	7.9	10.5
Isolation	(5~65)MHz	dBMin.	25		
	(65~550)MHz		25		
	(550~750)MHz		25		
	(750~1000)MHz		22		
Return Loss	(5~65)MHz	dBMin.	14		
	(65~550)MHz		16		
	(550~750)MHz		16		
	(750~1000)MHz		14		
EMI Shielding	dBMin.	100			
Signal Hum Ratio	dBMin.	66			
Current Capacity	A	10			
Pass Voltage	V	60(50-60Hz)			

1-Way Taps  
Model:STZZ1□□



2-Way Taps  
Model:STZZ2□□



Item	Unit	STZZ1□□							
		Rating		dB					
Tap Loss	dB	8	10	12	14	16	18	20	±1.5
		Tolerance							
Insertion Loss	(5~65)MHz	2.5	2.4	2.0	1.6	1.5	1.5	1.5	dBMax.
	(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	22	25	25	28	28	28	28	dBMin.
	(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	14							
	(65~550)MHz	16							
	(550~750)MHz	16							
	(750~1000)MHz	14							
EMI Shielding	dBMin.	100							
Flatness	dB	± 1.0							
Signal Hum Ratio	dBMin.	66							
Current Capacity	A	10							
Pass Voltage	V	60(50~60Hz)							

Item	Unit	STZZ2□□								
		8	10	12	14	16	18	20		
Tap Loss	dB	±1.5								
		Tolerance								
Insertion Loss	dBMax.	(5~65)MHz	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	dBMin.	(5~65)MHz	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	dBMin.	(5~65)MHz	25	25	28	28	30	30	30	
		(65~550)MHz	30	30	30	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	dBMin.	(5~65)MHz	14							
		(65~550)MHz	16							
		(550~750)MHz	16							
		(750~1000)MHz	14							
EMI Shielding	dBMin.	100								
Flatness	dB	± 1.0								
Signal Hum Ratio	dBMin.	66								
Current Capacity	A	10								
Pass Voltage	V	60(50~60Hz)								