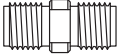

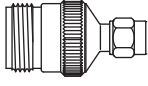
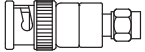

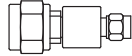

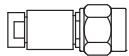
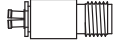


Adapters

Connector	F	7/16	BNC	N	TNC	7mm	SMA	3.5mm	2.9mm	GPO™/SMP	2.4mm	1.85mm
F	①		①②	①②	②		②					
7/16				③								
BNC	①②											
N	①②	③					③					
TNC	②											
7mm												
SMA	②			③			③					
3.5mm												
2.9mm												
GPO™/SMP												
2.4mm												
1.85mm												

- ① Adapter, 75 Ω both sides (page 16)
- ② Impedance Matching Pad where F connector only is 75 Ω (page 5)
- ③ Also available with Quick Connect Option

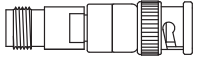
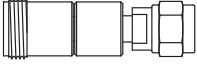
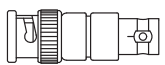
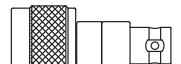

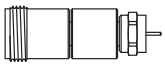
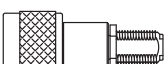



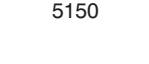
Note: Highlighted squares denote available connector configurations

CONNECTORS	MODEL NO.	FREQ. (Ghz)	VSWR	DESCRIPTION	
SMA In Series Adapters					
F/F with O-Ring Seal	5211-137	3	1.10:1	Bulkhead Feedthru	
F/F M/M M/F	5010, 5020, 5030	18	1.20:1		
F/F M/M M/F	5043, 5044, 5045	18	1.20:1	Gold Plated	
M/F	5030Q	18	1.25:1	Quick Connect	
F/F	5313	18	1.25:1	Flange Mount, 0.5" Sq	
M/F M/M F/F	5311A, 5312A, 5313A	18	1.20:1	Flange Mount, 0.5" Sq.	
F/F with O-Ring Seal	5211	18	1.15:1	Bulkhead Feedthru	
F/F (Au is Gold Plated)	5205, 5205/Au	18	1.15:1	Bulkhead Feedthru	
F/F M/M M/F	5163, 5164, 5165	26.5	1.20:1		
F/F with O-Ring Seal	5218	26.5	1.30:1	Bulkhead Feedthru	
SMA Between Series Adapters					
SMA-M N-M	5061	6	1.30:1	Ultra Low Cost Brass	
SMA-M N-F	5062	6	1.30:1	Ultra Low Cost Brass	
SMA-F N-M	5063	6	1.30:1	Ultra Low Cost Brass	
SMA-F N-F	5064	6	1.30:1	Ultra Low Cost Brass	
SMA-M N-M	5056	18	1.25:1	Short Profile	
SMA-M N-F	5057	18	1.25:1	Short Profile	
SMA-F N-F	5058	18	1.25:1	Short Profile	
SMA-F N-M	5059	18	1.25:1	Short Profile	
SMA-M N-M	5106	18	1.12:1	Precision	
SMA-M N-F	5107	18	1.12:1	Precision	
SMA-F N-M	5108	18	1.12:1	Precision	
SMA-F N-F	5109	18	1.12:1	Precision	
SMA-M N-F	5057Q	18	1.30:1	Quick Connect	
SMA-M N-M	5306	18	1.12:1	Flange Mount 1" Sq.	
SMA-M N-F	5307	18	1.12:1	Flange Mount 1" Sq.	
SMA-F N-M	5308	18	1.12:1	Flange Mount 1" Sq.	
SMA-F N-F	5309	18	1.12:1	Flange Mount 1" Sq.	
SMA-F N-F	5209	18	1.20:1	Bulkhead Feedthru	
SMA-M N-F	5210	18	1.20:1	Bulkhead Feedthru	
SMA-F N-F w/ O-Ring Seal	5212	18	1.20:1	Bulkhead Feedthru	
SMA-M N-F w/ O-Ring Seal	5213	18	1.20:1	Bulkhead Feedthru	
SMA-M BNC-M	5011	8	1.25:1		
SMA-M BNC-F	5012	8	1.25:1		
SMA-F BNC-M	5013	8	1.25:1		
SMA-F BNC-F	5014	8	1.25:1		
SMA-M TNC-M	5015	18	1.25:1		
SMA-M TNC-F	5016	18	1.25:1		
SMA-F TNC-M	5017	18	1.25:1		
SMA-F TNC-F	5018	18	1.25:1		
SMA-M GPO-M	5190G	18	1.20:1	Full Detent	
SMA-M GPO-M	5190GL	18	1.20:1	Limited Detent	
SMA-F GPO-M	5191G	18	1.20:1	Full Detent	
SMA-F GPO-M	5191GL	18	1.20:1	Limited Detent	
SMA-M GPO-F	5192G	18	1.20:1		
SMA-F GPO-F	5193G	18	1.20:1		
SMA-M SMP-M	5190P	18	1.20:1	Full Detent	
SMA-M SMP-M	5190PL	18	1.20:1	Limited Detent	
SMA-F SMP-M	5191P	18	1.20:1	Full Detent	
SMA-F SMP-M	5191PL	18	1.20:1	Limited Detent	
					

Adapter Reference Guide

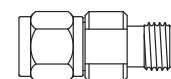


CONNECTORS	MODEL NO.	FREQ. (Ghz)	VSWR	DESCRIPTION	
SMA Between Series Adapters, Continued					
SMA-M SMP-F	5192P	18	1.20:1		
SMA-F SMP-F	5193P	18	1.20:1		
SMA-M 3.5mm-M	5246	18	1.25:1		
SMA-M 3.5mm-F	5247	18	1.25:1		
SMA-F 3.5mm-M	5248	18	1.25:1		
SMA-F 3.5mm-F	5249	18	1.25:1		
SMA-F 1.85mm-M	5250	18	1.30:1		
SMA-M 1.85mm-M	5251	18	1.30:1		
SMA-M 1.85mm-F	5252	18	1.30:1		
SMA-F 1.85mm-F	5253	18	1.30:1		
TYPE N In Series					
F/F M/M M/F	5185, 5188, 5189	6	1.20:1	Ultra Low Cost, Brass	
F/F	5303-067	6	1.07:1	Flange Mount 1" sq.	
M/M	5304-067	6	1.07:1	Flange Mount 1" sq.	
M/F	5305-067	6	1.07:1	Flange Mount 1" sq.	
F/F M/M M/F	5003, 5004, 5005	18	1.25:1		
F/F M/M M/F	5103, 5104, 5105	18	1.12:1	Precision	
F/F	5208	18	1.15:1	Bulkhead Feedthru	
F/F with O-Ring Seal	5215	18	1.15:1	Bulkhead Feedthru	
F/F M/M M/F	5303, 5304, 5305	18	1.12:1	Flange Mount 1" sq.	
TYPE N Between Series					
N-M TNC-M	5326	18	1.12:1	Flange Mount 1" sq.	
N-M TNC-F	5327	18	1.12:1	Flange Mount 1" sq.	
N-F TNC-M	5328	18	1.12:1	Flange Mount 1" sq.	
N-F TNC-F	5329	18	1.12:1	Flange Mount 1" sq.	
N-M BNC-M	5330	8	1.20:1	Flange Mount 1" sq.	
N-M BNC-F	5331	8	1.20:1	Flange Mount 1" sq.	
N-F BNC-M	5332	8	1.20:1	Flange Mount 1" sq.	
N-F BNC-F	5333	8	1.20:1	Flange Mount 1" sq.	
N-F 2.4mm-M	5155	18	1.15:1		
N-F 2.4mm-F	5156	18	1.15:1		
N-M 2.4mm-M	5157	18	1.15:1		
N-M 2.4mm-F	5158	18	1.15:1		
N-M 2.9mm-M	5166	18	1.15:1	Precision	
N-F 2.9mm-F	5167	18	1.15:1	Precision	
N-M 2.9mm-F	5168	18	1.15:1	Precision	
N-F 2.9mm-M	5169	18	1.15:1	Precision	
N-M 3.5mm-M	5144	18	1.12:1		
N-M 3.5mm-F	5145	18	1.12:1		
N-F 3.5mm-M	5146	18	1.12:1		
N-F 3.5mm-F	5147	18	1.12:1		
N-M 1.85mm-M	5242	18	1.25:1		
N-F 1.85mm-M	5243	18	1.25:1		
N-M 1.85mm-F	5244	18	1.25:1		
N-F 1.85mm-F	5245	18	1.25:1		
N-F SMA-F	5293	12.4	1.20:1	Bulkhead Feedthru	
N-F SMA-F w/O-Ring	5294	12.4	1.20:1	Bulkhead Feedthru	
N-M SMA-F	5206	18	1.30:1	Bulkhead Feedthru	
N-F SMA-F	5203	18	1.12:1	Bulkhead Feedthru	
N-F SMA-M	5207	18	1.12:1	Bulkhead Feedthru	
N-F SMA-M w/ O-Ring	5216	18	1.12:1	Bulkhead Feedthru	
N-F SMA-F w/ O-Ring	5217	18	1.12:1	Bulkhead Feedthru	
TNC In Series					
F/F M/M M/F	5186, 5187, 5194	6	1.20:1	Ultra Low Cost, Brass	
M/F F/F M/M	5040, 5041, 5042	18	1.20:1		

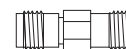
CONNECTORS			MODEL NO.	FREQ.	VSWR	DESCRIPTION		
TNC Between Series				(Ghz)				
TNC-F	SMA-F		5241	18.5	1.30:1	Flange Mount	 5035	
TNC-F	SMA-F		5349	12	1.30:1	Rt. Angle, Flange Mount		
TNC-M	BNC-M		5034	8	1.30:1			
TNC-F	BNC-M		5035	8	1.30:1			
TNC-M	BNC-F		5036	8	1.30:1			
TNC-F	BNC-F		5037	8	1.30:1			
TNC-M	N-F		5026	18	1.25:1			 5128
TNC-F	N-F		5027	18	1.25:1			
TNC-M	N-M		5028	18	1.25:1			 5031
TNC-F	N-M		5029	18	1.25:1			
TNC-M	N-M		5126	18	1.12:1	Precision		
TNC-F	N-M		5127	18	1.12:1	Precision		
TNC-M	N-F		5128	18	1.12:1	Precision	 5022	
TNC-F	N-F		5129	18	1.12:1	Precision		
BNC In Series								
M/F	F/F	M/M	5031, 5032, 5033	8	1.25:1		 5023	
M/F	F/F	M/M	5087, 5088, 5089	3	1.30:1	75 Ω		
BNC Between Series								
BNC-M	N-M		5021	8	1.30:1		 5196	
BNC-F	N-M		5022	8	1.30:1			
BNC-M	N-F		5023	8	1.30:1			
BNC-F	N-F		5024	8	1.30:1			
BNC-M	N-M		5130	8	1.15:1	Precision		
BNC-F	N-M		5131	8	1.15:1	Precision		
BNC-M	N-F		5132	8	1.15:1	Precision		
BNC-F	N-F		5133	8	1.15:1	Precision		
TYPE F In Series								
M/F	M/M	F/F	5230, 5231, 5232	3	1.30:1	75 Ω		 5197
TYPE F Between Series								
F-M	N-M		5195	3	1.30:1	75 Ω Both Sides		
F-M	N-F		5196	3	1.30:1	75 Ω Both Sides		
F-F	N-M		5197	3	1.30:1	75 Ω Both Sides		
F-F	N-F		5198	3	1.30:1	75 Ω Both Sides		
F-M	BNC-M		5070	3	1.30:1	75 Ω Both Sides		
F-M	BNC-F		5071	3	1.30:1	75 Ω Both Sides		
F-F	BNC-M		5072	3	1.30:1	75 Ω Both Sides		
F-F	BNC-F		5073	3	1.30:1	75 Ω Both Sides		
7/16 DIN In Series								
F/F	M/M	M/F	5701, 5702, 5703	7.5	1.35:1		 5705	
7/16 DIN Between Series								
7/16 DIN-F	N-F		5704	7.5	1.35:1			
7/16 DIN-F	N-M		5705	7.5	1.35:1			
7/16 DIN-M	N-F		5706	7.5	1.35:1			
7/16 DIN-M	N-M		5707	7.5	1.35:1			
7/16 DIN-M	N-F		5706Q	7.5	1.35:1	Quick Connect		
7/16 DIN-M	N-M		5707Q	7.5	1.35:1	Quick Connect		
7/16 DIN-F	TNC-F		5708	7.5	1.35:1			
7/16 DIN-F	TNC-M		5709	7.5	1.35:1			
7/16 DIN-M	TNC-F		5710	7.5	1.35:1		 5709	
7/16 DIN-M	TNC-M		5711	7.5	1.35:1			
1.85mm In Series								
F/F	M/M	M/F	5173, 5174, 5175	65	1.40:1		 5150	
M/F			5292	65	1.50:1	Bulkhead Feedthru		
F/F with O-Ring Seal			5289	65	1.40:1	Bulkhead Feedthru		
F/F without O-Ring Seal			5290	65	1.40:1	Bulkhead Feedthru		
2.4mm In Series								
F/F	M/M	M/F	5148, 5149, 5150	50	1.30:1		 5221	
F/F with O-Ring Seal			5221	50	1.35:1	Bulkhead Feedthru		

Adapter Reference Guide

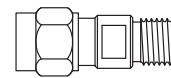
CONNECTORS	MODEL NO.	FREQ. (Ghz)	VSWR	DESCRIPTION
2.4mm Between Series				
2.4mm-M SMA-M	5080	26.5	1.20:1	
2.4mm-F SMA-M	5081	26.5	1.20:1	
2.4mm-M SMA-F	5082	26.5	1.20:1	
2.4mm-F SMA-F	5083	26.5	1.20:1	
2.4mm-M 3.5mm-M	5065	34	1.25:1	
2.4mm-M 3.5mm-F	5066	34	1.25:1	
2.4mm-F 3.5mm-M	5067	34	1.25:1	
2.4mm-F 3.5mm-F	5068	34	1.25:1	
2.4mm-F 2.9mm-F	5151	40	1.30:1	
2.4mm-F 2.9mm-M	5152	40	1.30:1	
2.4mm-M 2.9mm-F	5153	40	1.30:1	
2.4mm-M 2.9mm-M	5154	40	1.30:1	
2.4mm-M 1.85mm-M	5075	50	1.35:1	
2.4mm-M 1.85mm-F	5076	50	1.35:1	
2.4mm-F 1.85mm-M	5077	50	1.35:1	
2.4mm-F 1.85mm-F	5078	50	1.35:1	
2.9mm In Series				
F/F M/M M/F	5160, 5161, 5162	26.5	1.15:1	
F/F	5338	26.5	1.25:1	Flange Mount, 0.5" sq.
F/F M/M M/F	5170, 5171, 5172	40	1.30:1	
F/F with O-Ring Seal	5214	40	1.30:1	Bulkhead Feedthru
M/F	5223	40	1.35:1	Bulkhead Feedthru
F/F	5344	40	1.35:1	Flange Mount, 0.5" sq.
2.9mm Between Series				
2.9mm-M SMA-M	5262	26.5	1.25:1	
2.9mm-M SMA-F	5263	26.5	1.25:1	
2.9mm-F SMA-M	5264	26.5	1.25:1	
2.9mm-F SMA-F	5265	26.5	1.25:1	
2.9mm-F 3.5mm-F	5266	34	1.25:1	
2.9mm-F 3.5mm-M	5267	34	1.25:1	
2.9mm-M 3.5mm-F	5268	34	1.25:1	
2.9mm-M 3.5mm-M	5269	34	1.25:1	
2.9mm-M 1.85mm-M	5258	40	1.40:1	
2.9mm-M 1.85mm-F	5259	40	1.40:1	
2.9mm-F 1.85mm-M	5260	40	1.40:1	
2.9mm-F 1.85mm-F	5261	40	1.40:1	
2.9mm-F 2.4mm-F w/ O-Ring	5237	40	1.35:1	Bulkhead Feedthru
3.5mm In Series				
M/F M/M F/F	5084, 5085, 5086	34	1.25:1	
3.5mm Between Series				
3.5mm-F 1.85mm-M	5254	34	1.30:1	
3.5mm-M 1.85mm-F	5255	34	1.30:1	
3.5mm-F 1.85mm-F	5256	34	1.30:1	
3.5mm-M 1.85mm-M	5257	34	1.30:1	
7mm Between Series				
7mm SMA-M	5110	18	1.12:1	
7mm SMA-F	5111	18	1.12:1	
7mm N-M	5112	18	1.12:1	
7mm N-F	5113	18	1.12:1	
7mm TNC-M	5114	18	1.12:1	
7mm TNC-F	5115	18	1.12:1	
7mm 3.5mm-M	5140	18	1.08:1	
7mm 3.5mm-F	5141	18	1.08:1	
7mm 2.4mm-M	5181	18	1.10:1	
7mm 2.4mm-F	5182	18	1.10:1	
7mm 2.9mm-M	5183	18	1.10:1	
7mm 2.9mm-F	5184	18	1.10:1	
7mm SMA-M	5314	18	1.12:1	Flange Mount 1" sq.
7mm SMA-F	5315	18	1.12:1	Flange Mount 1" sq.



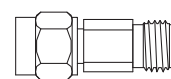
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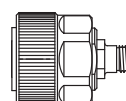
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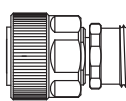
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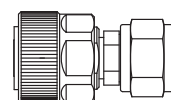
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5111



5113



5114