

Coax Directional Couplers – Narrow Band – SMA

Single directional couplers are listed below, however, dual directional couplers are available upon request. Other connector types and other coupling values are also available.

Frequency Range (GHz)	Coupling (-dB)	VSWR Mainline (Max)	Insertion Loss (true) (dB)	Reflected Power (Watts)	Coupling Accuracy (dB)	Frequency sensitivity (dB)	Directivity (min) (dB)	Part Number Base	SMA Part Number Extension	Outline Drawing
0.80-2.30	10 20	1.25 1.25	1.20 0.55	50 50	±1.25 ±1.25	±0.50 ±0.50	20 20	685-080230	-010 -020	CC11
0.80-3.00	10 20	1.25 1.25	1.00 0.45	50 50	±1.25 ±1.25	±0.50 ±0.50	16 16	685-080300	-010 -020	CC12
1.85-3.65	10 20 30	1.25 1.25 1.25	0.80 0.20 0.20	50 50 50	±1.25 ±1.25 ±1.25	±0.75 ±0.75 ±0.75	20 20 20	685-185365	-010 -020 -030	CC18
3.60-4.20	10 20 30	1.40 1.40 1.40	1.10 0.55 0.55	50 50 50	±1.00 ±1.00 ±1.00	±0.30 ±0.30 ±0.30	15 15 15	685-360420	-010 -020 -030	CC20
5.70-10.20	10 20 30	1.40 1.40 1.40	1.00 0.45 0.45	50 50 50	±1.25 ±1.25 ±1.25	±0.75 ±0.75 ±0.75	15 15 15	685-570102	-010 -020 -030	CC20
5.80-6.40	10 20 30	1.35 1.30 1.30	1.10 0.55 0.55	50 50 50	±1.00 ±1.00 ±1.00	±0.30 ±0.30 ±0.30	15 15 15	685-580640	-010 -020 -030	CC20
14.00-14.50	10 20 30	1.35 1.30 1.30	1.10 0.55 0.55	50 50 50	±1.00 ±1.00 ±1.00	±0.30 ±0.30 ±0.30	15 15 15	685-140145	-010 -020 -030	CC20
18.50-19.50	10 20 30	1.70 1.70 1.70	1.60 0.85 0.85	50 50 50	±1.25 ±1.25 ±1.25	±0.60 ±0.60 ±0.60	10 10 10	685-185195	-010 -020 -030	CC20