

Directional Coupler

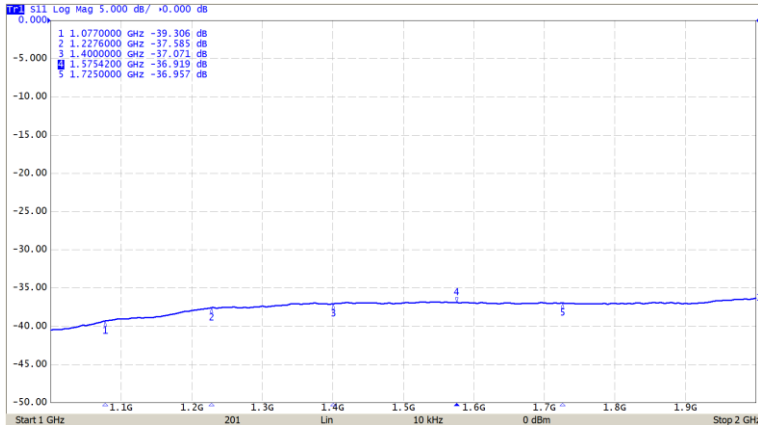
50 Ω 1000 MHz to 2000 MHz

17 dB

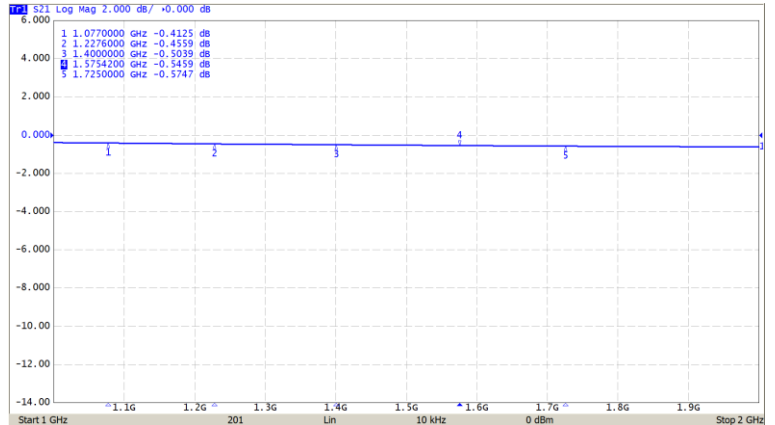
DCP-1P0G2P0G

Product Specificaons

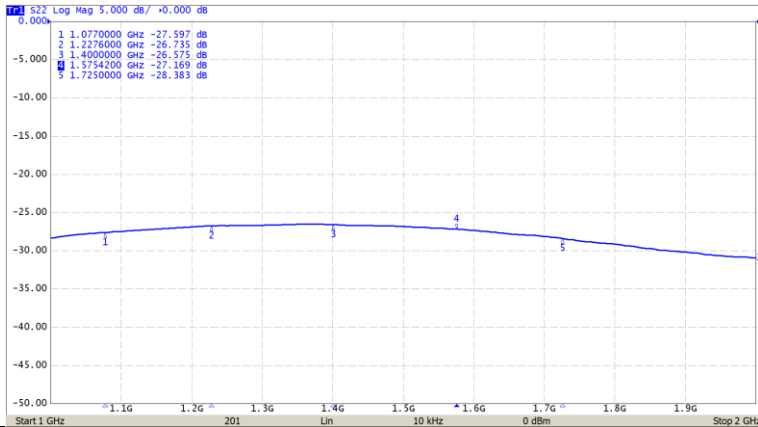
Return Loss – S11



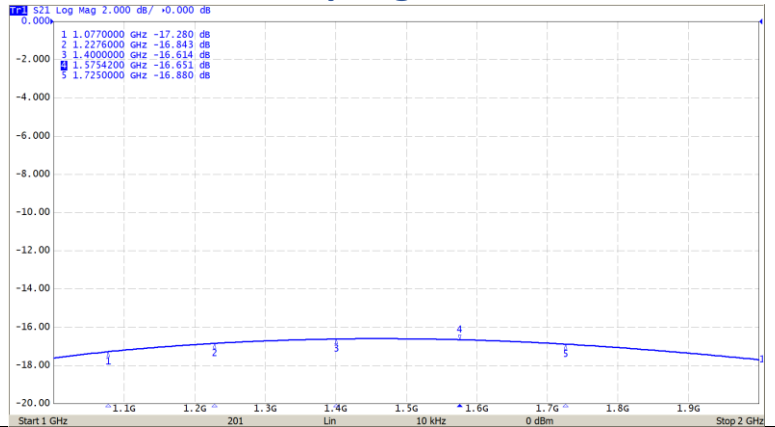
Insertion Loss – S21



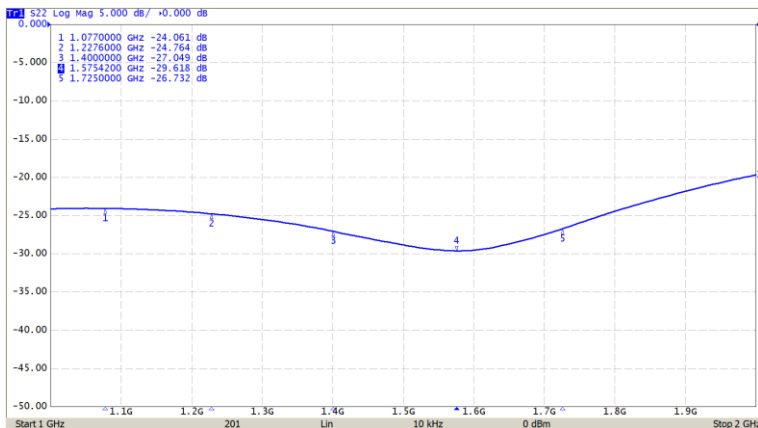
Return Loss – S22



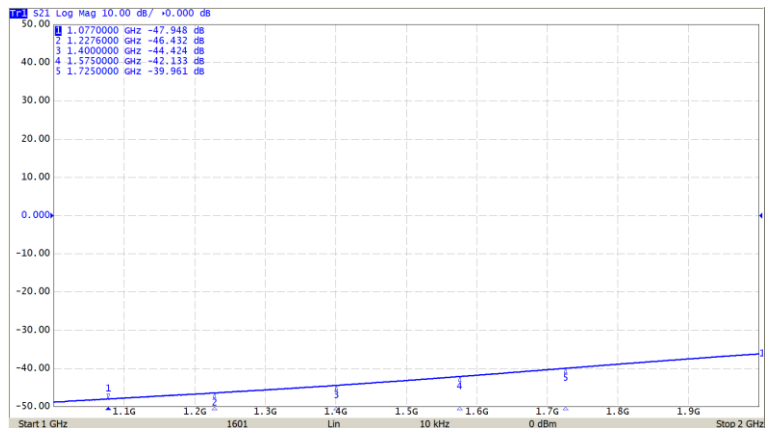
Coupling – S31



Return Loss – S33



Isolation – S23

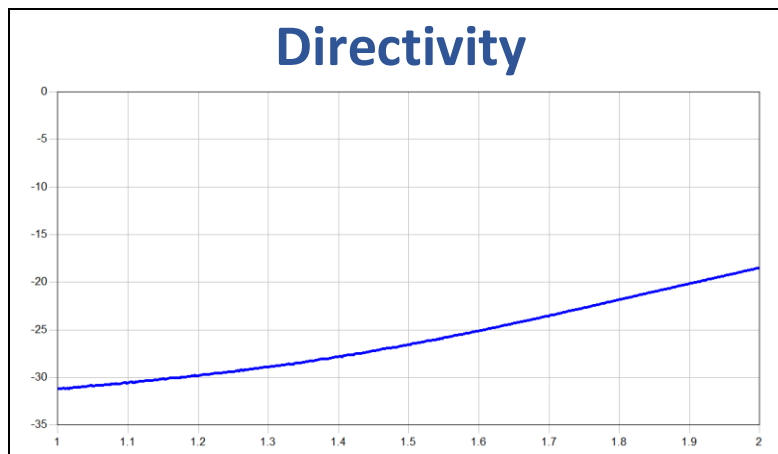


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50 Ω 1000 MHz to 2000 MHz

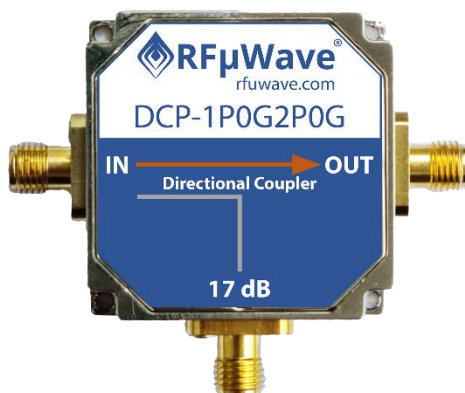
17 dB

DCP-1P0G2P0G

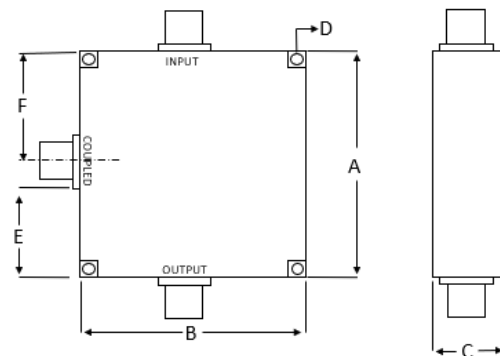


Typical Performance Data

FREQUENCY (GHz)	COUPLING (dB)	MAINLINE LOSS (dB)	DIRECTIVITY (dB)	VSWR (:1)
1.0 – 1.5	16.8 $\pm$ 0.5	0.5 $\pm$ 0.1	29.4 $\pm$ 3.0	1.02 $\pm$ 0.01
1.5 – 2.0	16.8 $\pm$ 0.5	0.5 $\pm$ 0.1	22.6 $\pm$ 3.0	1.03 $\pm$ 0.01



OUTLINE DRAWING



OUTLINE DIMESIONS (inch/mm)

A	B	C	D
1.42	1.42	.60	Ø 0.078
36.06	36.06	15.24	Ø 2
E	F	wt.	
.45	.71	grams	
11.43	18.03	115.0	