

Couplers



1-18 GHz

BROADBAND
HIGH DIRECTIVITY COUPLERS

- Broadband Frequency Coverage from 1 to 18 GHz in a Single Unit
- High Directivity
- Increased Dynamic Range
- Flat Frequency Response

SPECIFICATIONS

FREQUENCY RANGE (GHz)	MODEL	NOMINAL COUPLING* dB	DIRECTIVITY dB (Min)		VSWR		FREQUENCY SENSITIVITY dB (Max)		CONNECTORS		WEIGHT Oz / Gr (Max)
			1-5	5-12.4	PRIMARY LINE (Max)	SECONDARY LINE (Max)	1-1.9	1.9-12.4	PRIMARY LINE INPUT 1-9.9	SECONDARY LINE OUTPUT	
1-12.4	3293-1	10(±1)	30	26	1.25	1.30	4	±1.0	Type N Male	Type N Female	12 / 340
	3293-2	10(±1)	30	26	1.25	1.30	4	±1.0	Type N Female	Type N Male	12 / 340
	5293	10(±1)	30	26	1.25	1.30	4	±1.0	7 mm Male	7 mm Female	12 / 340

FREQUENCY RANGE (GHz)	MODEL	NOMINAL COUPLING* dB	DIRECTIVITY dB (Min)		VSWR		FREQUENCY SENSITIVITY dB (Max)		CONNECTORS		OPTIONS AVAILABLE	WEIGHT Oz Gr (Max)
			1-8	8-18	PRIMARY LINE (Max)	SECONDARY LINE (Max)	1-1.5	1.5-18	PRIMARY LINE INPUT 1-1.5	SECONDARY LINE OUTPUT		
1-18	3292-1	13(±1)	27	25	1.35	1.40	4	±1.5	Type N Male	Type N Female	-02	12 340
	3292-2	13(±1)	27	25	1.35	1.40	4	±1.5	Type N Female	Type N Male	-02	12 340
	5292	13(±1)	28	26	1.30	1.30	4	±1.5	Precision 7 mm	Precision 7 mm	-01 -02	12 340

*Refer to Typical Coupling Curve on page 312 for frequency ranges 1-1.9 GHz and 1-1.5 GHz.

Nominal Coupling is defined as average coupling over the designated frequency range $\left(\frac{\text{MAX. COUPLING} + \text{MIN. COUPLING}}{2} \right)$

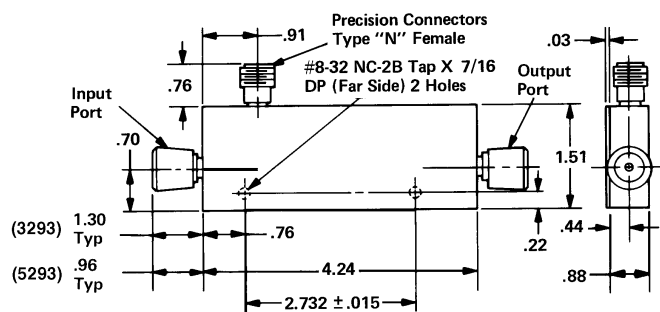
OPTIONS:

-01 Precision Stainless Steel Type N Female Connector on the secondary line.
 -02 Precision Stainless Steel SMA Female Connector on the secondary line.

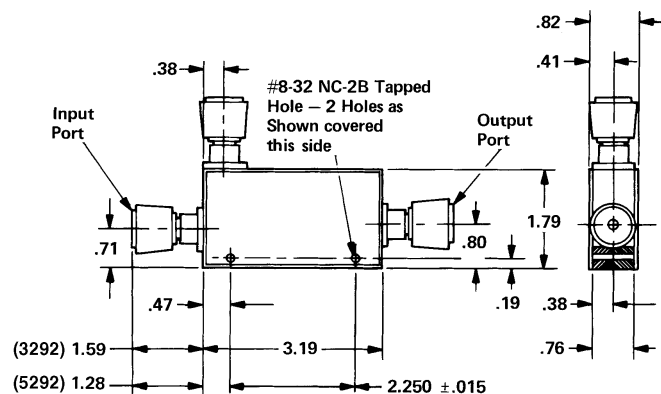
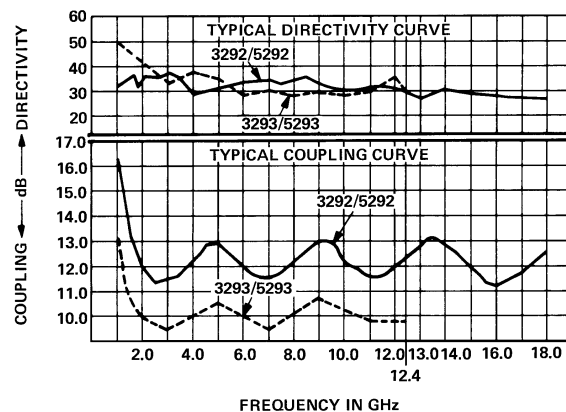
POWER RATING: 5 W average, 100 W peak

Couplers

OUTLINE DRAWINGS



MODEL 3293, 5293



MODELS 3292, 5292

All dimensions are Max. unless otherwise specified.