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 PRIMARY LINE (Max)	VSWR SECONDARY LINE (Max)	FREQUENCY SENSITIVITY dB (Max)		CONNECTORS PRIMARY LINE INPUT	CONNECTORS SECONDARY LINE OUTPUT	WEIGHT Oz / Gr (Max)
		1.9- 12.4 GHz	1-5	5-12.4			1-1.9	1.9-12.4	1-9.9		
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 PRIMARY LINE (Max)	VSWR SECONDARY LINE (Max)	FREQUENCY SENSITIVITY dB (Max)		CONNECTORS PRIMARY LINE INPUT	CONNECTORS SECONDARY LINE OUTPUT	OPTIONS AVAILABLE	WEIGHT Oz Gr (Max)
		1.5-18 GHz	1-8	8-18			1-1.5	1.5-18	1-1.5			
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.

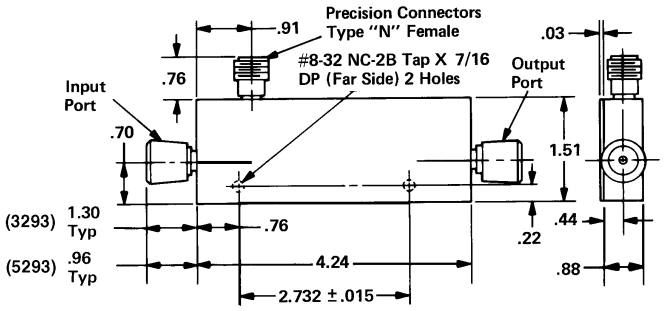
Nominal Coupling is defined as average coupling over the designated frequency range $\left(\frac{\text{MAX. COUPLING} + \text{MIN. COUPLING}}{2}\right)$

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

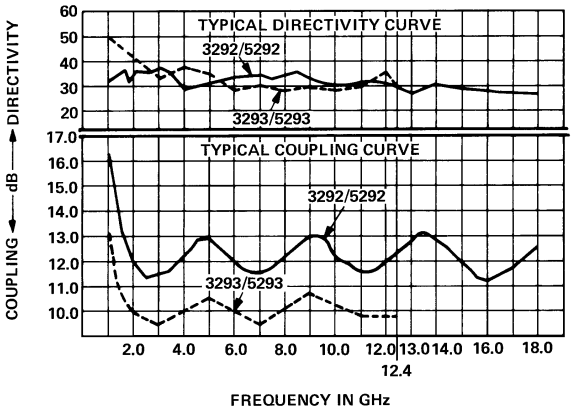
POWER RATING: 5 W average, 100 W peak

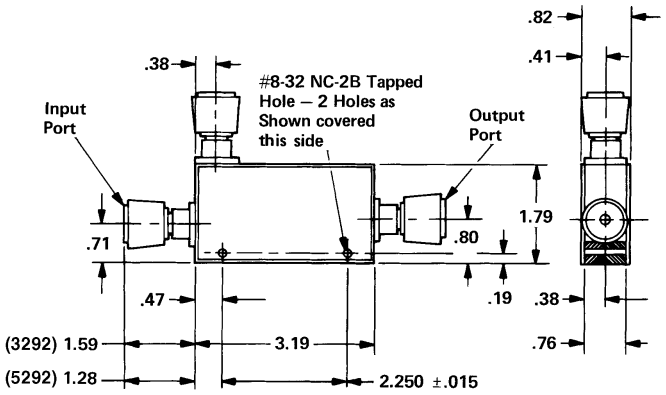
Couplers

OUTLINE DRAWINGS



MODEL 3293, 5293





MODELS 3292, 5292

All dimensions are Max. unless otherwise specified.

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