

Millimeter Couplers

18-40 GHz

MILLIMETER DIRECTIONAL COUPLERS

- Low Frequency Sensitivity
- High Directivity
- 2.9mm Connectors

APPLICATIONS

- EW Systems Radar – 35 GHz Band Equipment
- Millimeter Communications, 38 GHz Radio



SPECIFICATIONS

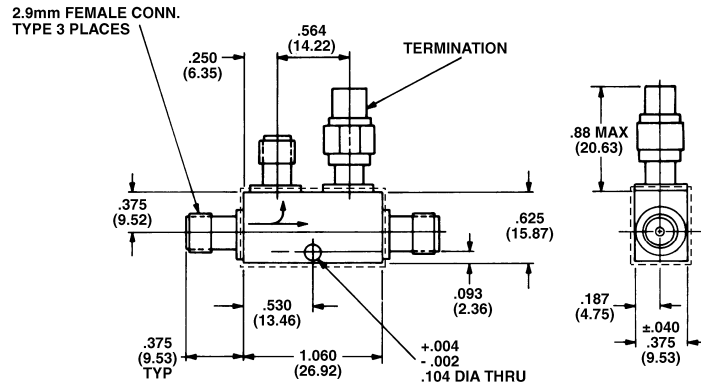
Connectors are 2.9 mm

FREQUENCY RANGE (GHz)	MODEL	COUPLING (dB)	DIRECTIVITY dB (Min)	INSERTION LOSS		VSWR		FREQUENCY ^a SENSITIVITY (dB) Max	POWER		WEIGHT (Max)	
				EXCLUDING COUPLED POWER	TRUE	PRIMARY LINE Max	SECONDARY LINE Max		AVG. (W)	PEAK (kW)	Oz.	Gr.
18-40	4018-20	20±1.25	12	1.4	1.45	1.9:1	1.9:1	±0.8 dB	30	3	1	28
18-40	4018-10	10±1.25	12	1.4	2.0	1.9:1	1.9:1	±0.8 dB	30	3	1	28

^a Frequency Sensitivity included in coupling

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OUTLINE DRAWINGS



Dimensions in parentheses are in millimeters and for reference only.

Allow .020 for Sealant Buildup per Surface.