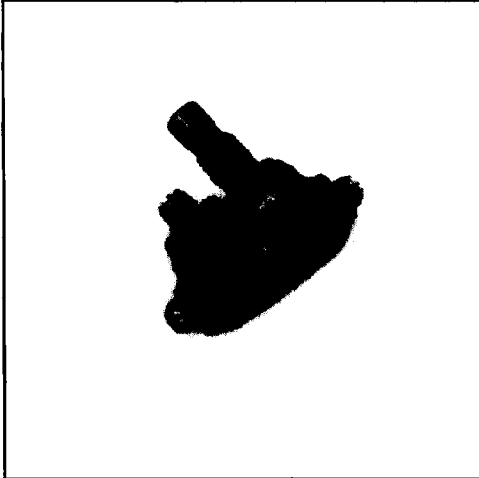




18-40 GHz

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

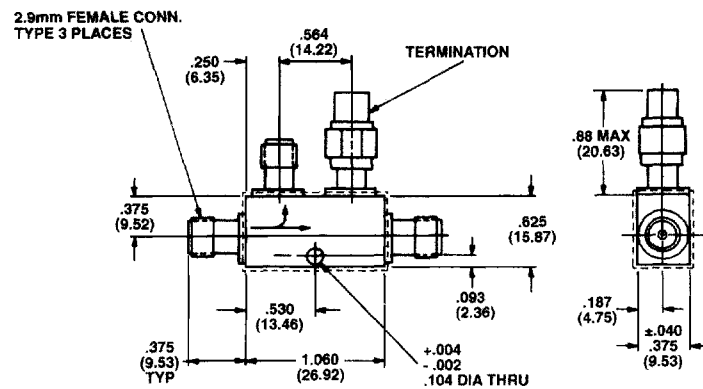
Connectors are 2.9 mm (K™ compatible)

FREQUENCY RANGE (GHz)	MODEL	COUPLING (dB)	DIRECTIVITY dB (Min)	INSERTION LOSS		VSWR		FREQUENCY ^a SENSITIVITY (dB) Max	POWER (Watts)		WEIGHT	
				EXCLUDING COUPLED POWER	TRUE	PRIMARY LINE Max	SECONDARY LINE Max		AVG. (W)	PEAK (kW)	Oz (Max)	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

K is a trademark of Wiltron Corp.

^aFrequency Sensitivity included in coupling

OUTLINE DRAWINGS



Dimensions in parentheses are in millimeters and for reference only.

Allow .020 for Sealant Buildup per Surface.