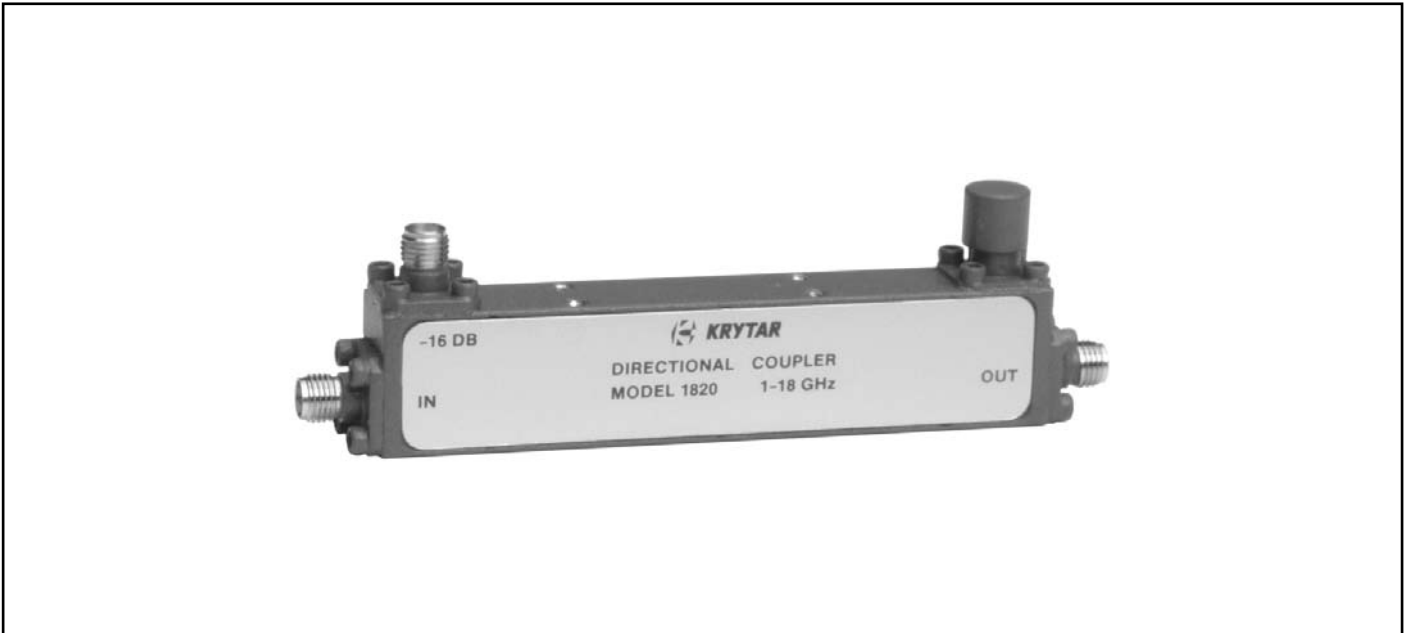


**1-18 GHz DIRECTIONAL COUPLERS**

**SPECIFICATIONS**

<b>FREQUENCY RANGE</b>		1-18 GHz
<b>COUPLING</b> (with respect to output)		
Nominal	1821	10 ± 0.5 dB
	1820	16 ± 0.5 dB
	180120	20 ± 1.0 dB
Frequency Sensitivity		± 0.3 dB, 1-12.4 GHz ± 0.4 dB, 1-18 GHz
<b>DIRECTIVITY</b>		> 16 dB
<b>MAXIMUM VSWR</b> (any port)		1.35
<b>INSERTION LOSS</b>	1821	< 1.3 dB
(includes coupled power)	1820	< 0.9 dB
	180120	< 0.95 dB
<b>POWER RATING</b> (input)		
Average		20 W
Peak		3 KW
<b>STANDARD CONNECTORS</b>		SMA Female
Optional:	SMA Male	
	N Female	
<b>WEIGHT</b> (ounces)		
N Female Connectors		4.4
SMA Female Connectors		2.6
<b>OPERATING TEMPERATURE</b>		-54° to +85° C

**DIMENSIONS**
