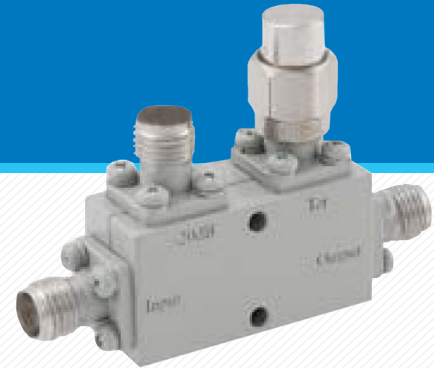


MODEL NUMBER:
DC40G-30

Directional 20 dB 2.92mm Coupler
From 18 GHz to 40 GHz Rated to 30 Watts



The DC40G-30 RF directional coupler is manufactured with 2.92 mm female gender ports and 50 Ohm impedance. This coupler can be found on radio frequency specifications sheet for most telecommunications EMC testing.

FEATURES

- Meets Standards for Humidity, Shock, Vibration and Altitude
- Use with Wireless, 5G, LTE, GSM telecommunications
- Small Size
- Wide bandwidth
- High Power

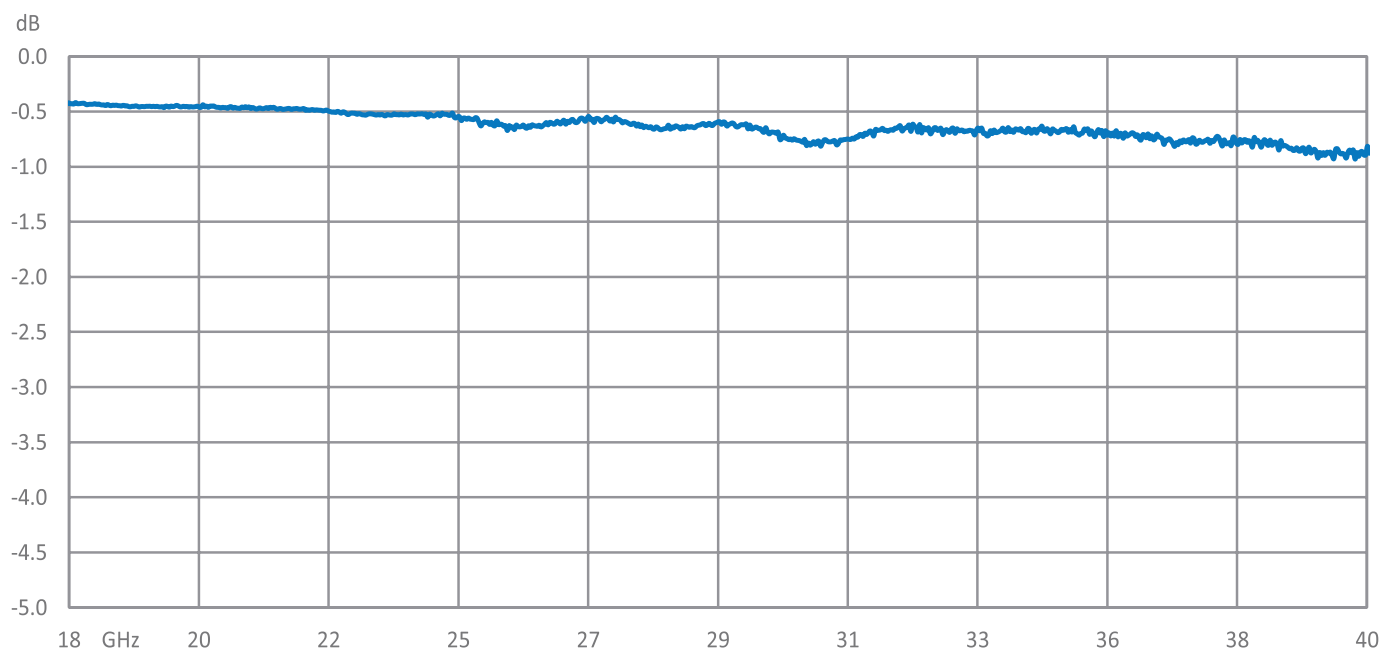
ELECTRICAL SPECIFICATIONS:

Frequency:	18 GHz- 40 GHz
Power:	30 Watts CW Max Power
Coupling:	20 typical dB (21 max)
Insertion Loss:	0.8 Typical \pm 1.0 dB Max.
Flatness:	1.0 dB
VSWR:	1.0 dB
Directivity:	12 db min, 14 typical

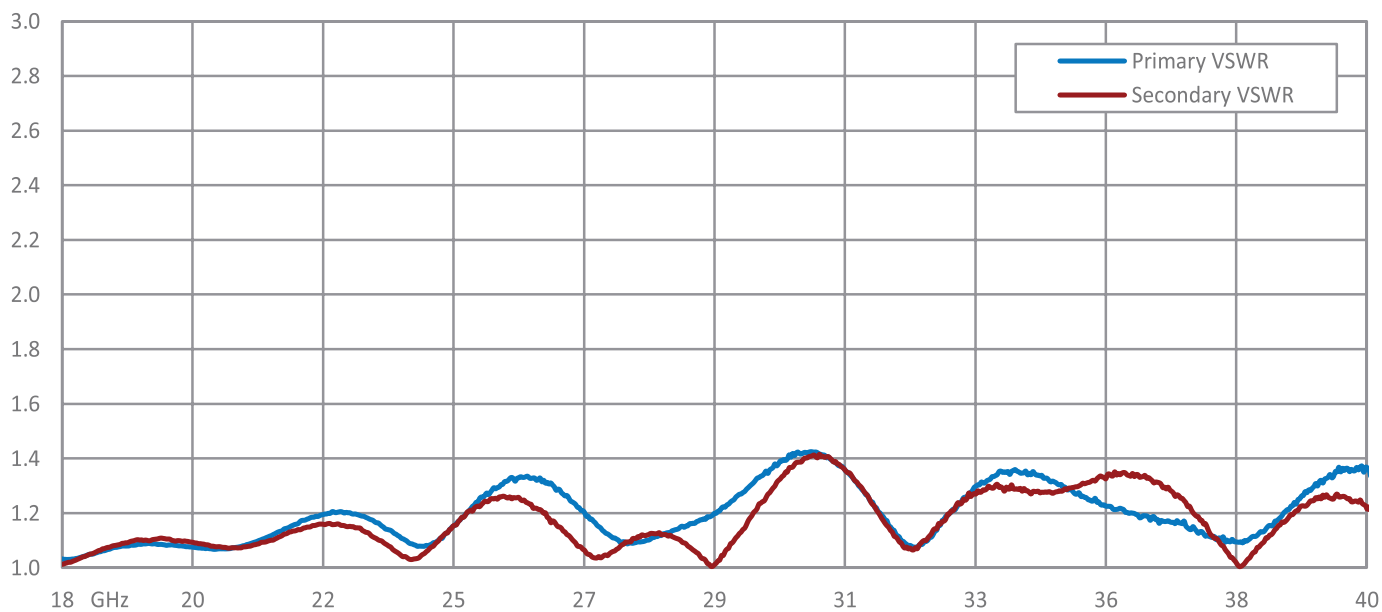
MECHANICAL SPECIFICATIONS:

Type:	Connectorized
Material:	Aluminum
Operating Temperature:	-45 to +85 degrees C
Storage Temperature:	-55 to +125 degrees C
Humidity:	100% RH at 35 degrees C, 95% RH at 40 degrees C
Size:	11 X 33 X 28 mm (.43 X 1.30 x 1.10 inches)
Input Connector:	2.92mm Female
Output Connector:	2.92mm Female
Coupled Connectors:	2.92mm Female

INSERTION LOSS



VSWR



DRAWING

