



# JC00201000P63C60; 20-1000 MHz 2000W DIRECTIONAL COUPLER

- Small Size and High Power Handling
- High reliability and ruggedness
- Ultra Broadband
- 50 Ohm Input & Output Impedance
- Flat Forward & Reflected Power Sampling
- High Isolation and Directivity



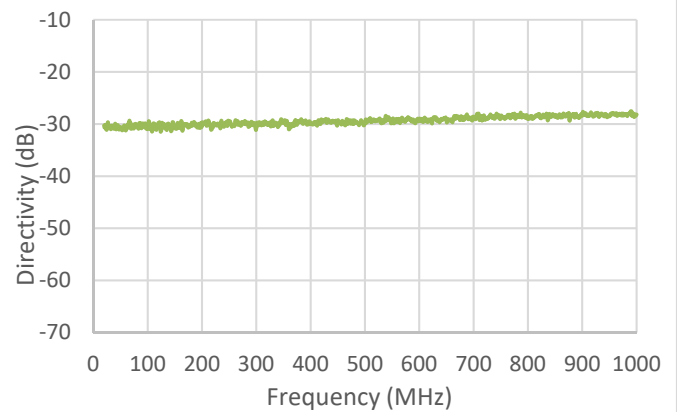
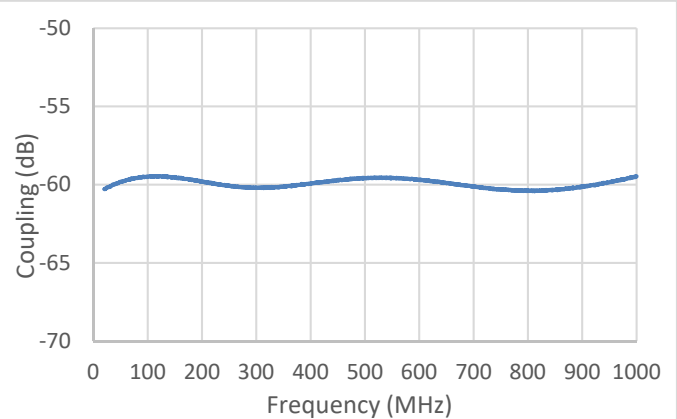
## INTERFACES

|                     |             |
|---------------------|-------------|
| RF Input (1):       | 7/16 Female |
| RF Output (2):      | 7/16 Female |
| Coupling Port (3):  | SMA Female  |
| Isolation Port (4): | SMA Female  |

## ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

|                       |                 |
|-----------------------|-----------------|
| Frequency:            | 20-1000 MHz     |
| Power Handling:       | 2000 W CW       |
| Insertion Loss:       | 0.1 dB max.     |
| Coupling:             | 60 ± 0.5 dB     |
| Coupling Flatness:    | ± 1 dB          |
| In/ Out VSWR:         | 1.2:1 max       |
| Directivity:          | > 20 dB         |
| Operating Case Temp.: | -40 °C to 85 °C |
| Storage Temperature:  | -40 °C to 85 °C |
| Shock:                | MIL-STD-810F/G  |
| Vibration:            | MIL-STD-810F/G  |

## TYPICAL PERFORMANCE GRAPHS



## MECHANICAL SPECIFICATIONS

|             |                 |
|-------------|-----------------|
| Size (mm) : | 58 × 66 × 32    |
| Weight :    | 420 gr.         |
| Plating :   | Yellow Chromate |

