



JC00010030P68C70; 1.5-30 MHz 6000W 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

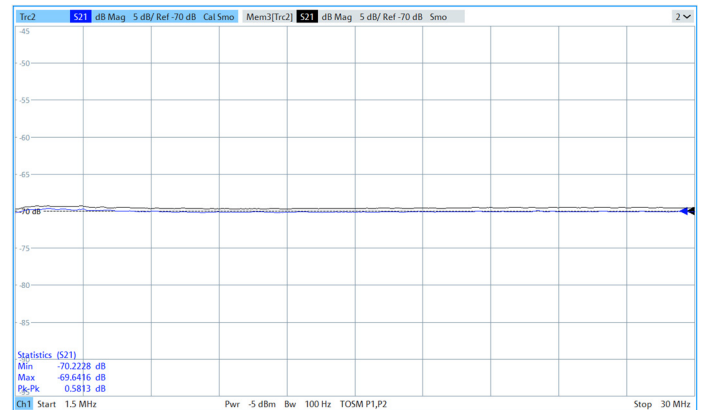
RF Input (1): 7/16 Female
 RF Output (2): 7/16 Female
 Coupling Port (3): SMA Female
 Isolation Port (4): SMA Female

ELECTRICAL & ENVIRONMENTAL SPECIFICATIONS

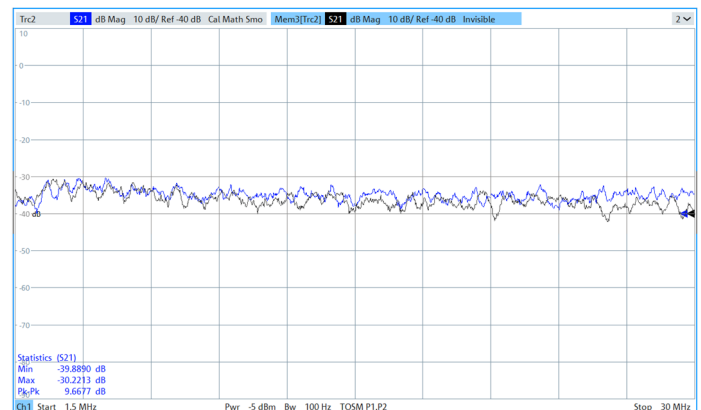
Frequency: 1.5-30 MHz
 Power Handling: 6000 W CW
 Insertion Loss: 0.1 dB max.
 Coupling: 70 ± 0.5 dB
 Coupling Flatness: ± 1 dB
 In/ Out VSWR: 1.2:1 max
 Directivity: > 20 dB
 Operating Case Temp.: -40 °C to 85 °C
 Storage Temperature: -40 °C to 85 °C
 Shock: MIL-STD-810F/G
 Vibration: MIL-STD-810F/G

TYPICAL PERFORMANCE GRAPHS

FORWARD & REVERSE COUPLING



FORWARD & REVERSE DIRECTIVITY



MECHANICAL SPECIFICATIONS

Size (mm) : 76 x 70 x 38
 Weight : 700 gr.
 Plating : Yellow Chromate

