

Features:

High Power Wide Bandwidths Small Size High Isolation Custom Designs Available

Electrical Specifications:

Frequency: 100 - 1000 MHz
Power: 100 W CW
Insertion Loss: 2.5 dB Max.
VSWR: 1.40:1 Max.
Phase Balance: $\pm 8^\circ$ Max.
Amplitude Balance: 1.5 dB Max. (Typ.)
Isolation: 15 dB Min.

Mechanical Specifications:

Type: Connectorized
Material: Aluminum 6061-T6
Surface Finish: Chem. Film Per MIL-DTL-5541F Type I Class 3 (Yellow Iridite)
Operating Temperature: -55°C to +75°C
Storage Temperature: -60°C to +85°C
Size: 8.0 x 6.0 x 1.0"

Connector Configurations:

Model	Sum Port (J1)	Input/Output (J2-J5)
BF12251-302	TNC Female	SMA Female