

RF Coaxial Ferrite Isolator 0.8GHz - 1.4GHz 150W

Model: TG101B



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel / Brass
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-40° C to +85° C
Dimensions (mm)	43mm x 30mm x 20mm
WEIGHT kg	0.28

RoHS compliant: Yes

Features:

- Wide Frequency range (800MHz -1400MHz)
- Wide Bandwidth (100MHz)
- Low VSWR (1.20:1)
- Low Insertion Loss (0.3dB)
- High Isolation between input and output (-23dB)
- Integrated with 100W load

ELECTRICAL SPECIFICATIONS

Model	Frequency Range(MHz)	Bandwidth (MHz)	Insertion Loss (dB)	Return Loss IN/OUT (dB)	Isolation IN/OUT (dB)	Forward Power (max)	Reverse Power (max)
TG0101B-CE1	760-840	80	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE2	840-930	90	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE3	930-1030	100	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE4	1030-1130	100	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE5	1130-1240	110	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE6	1240-1350	110	≤0.3	22	≥23	≤150w	≤100w
TG0101B-CE6	1350-1460	110	≤0.3	22	≥23	≤150w	≤100w

Nominal impedance: 50Ω

Connector: N (F-F) / SMA(F-F)

Notes:

- Electrical specification value is specified at ambient temperature 25° C and sea level
- Accept quantity order for any custom centre frequency between 0.8GHz and 1.6GHz at 100MHz bandwidth

