

RF Coaxial Ferrite Isolator 1.2GHz - 2.5GHz 150W

Model: TG101A-B



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)	38.5mm x 25.4mm x 20mm
WEIGHT kg	0.23

RoHS compliant: Yes

Features:

- Wide Frequency range (1200MHz -2500MHz)
- Wide Bandwidth (180MHz)
- 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)
TG0101A-B-CE1	1150-1350	120	≤0.3	22	≥23	≤150w	≤100w
TG0101AB-CE2	1350-1650	130	≤0.3	22	≥23	≤150w	≤100w
TG0101A-B-CE3	1650-1800	150	≤0.3	22	≥23	≤150w	≤100w
TG0101A-B-CE4	1800-1980	180	≤0.3	22	≥23	≤150w	≤100w
TG0101A-B-CE5	1980-2180	200	≤0.3	22	≥23	≤150w	≤100w
TG0101A-B-CE6	2180-2400	220	≤0.3	22	≥23	≤150w	≤100w
TG0101A-B-CE6	2400-2620	220	≤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 1.2GHz and 2.5GHz at 200MHz bandwidth

