

VHF Coaxial Ferrite Isolator 200MHz -300MHz 150W

Model: TG0101B



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel / Brass
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-0° C to +60° C
Dimensions (mm)	100mm x 50.5mm x 22mm
WEIGHT kg	0.45

RoHS compliant: Yes

Features:

- Wide Frequency range (200MHz -300MHz)
- Wide Bandwidth (25MHz)
- Low VSWR (1.3:1)
- Low Insertion Loss (0.5dB)
- High Isolation between input and output (-18dB)
- 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	185-210	25	≤0.5	18	≥18	≤150w	≤100w
TG0101B-CE2	210-235	25	≤0.5	18	≥18	≤150w	≤100w
TG0101B-CE3	235-260	25	≤0.5	18	≥18	≤150w	≤100w
TG0101B-CE4	260-285	25	≤0.5	18	≥18	≤150w	≤100w
TG0101B-CE5	285-310	25	≤0.5	18	≥18	≤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 200MHz and 300MHz at 25MHz bandwidth

