



RF Coaxial Ferrite Isolator 250MHz -450MHz 150W

Model: TG0301B



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel / Brass
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-15° C to +60° C
Dimensions (mm)	84.5mm x 52mm x 22mm
WEIGHT kg	0.45

RoHS compliant: Yes

Features:

- Wide Frequency range (250MHz -450MHz)
- Wide Bandwidth (30MHz)
- Low VSWR (1.25:1)
- Low Insertion Loss (0.4dB)
- 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)
TG0301B-CE1	235-265	30	≤0.4	19	≥20	≤150w	≤100w
TG0301B-CE2	265-295	30	≤0.4	19	≥20	≤150w	≤100w
TG0301B-CE3	295-325	30	≤0.4	19	≥20	≤150w	≤100w
TG0301B-CE4	325-355	30	≤0.4	19	≥20	≤150w	≤100w
TG0301B-CE5	385-425	30	≤0.4	19	≥20	≤150w	≤100w
TG0301B-CE6	425-455	30	≤0.4	20	≥20	≤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 250MHz and 450MHz at 30MHz bandwidth

