

70cm UHF Ferrite Isolator 150W

Model: TG0401B-CE



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel / Brass
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-30° C to +70° C
Dimensions (mm)	77mm x 44mm x 21mm
WEIGHT kg	0.37

RoHS compliant: Yes

Features:

- Wide Frequency Bandwidth (30 MHz)
- Low VSWR (1.22:1)
- Low Insertion Loss (0.35dB)
- High Isolation between input and output (-20dB)
- 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)
TG0401B-CE1	400-430	30	≤0.35	20	≥20	≤150w	≤100w
TG0401B-CE2	430-460	30	≤0.35	20	≥20	≤150w	≤100w
TG0401B-CE2	455-485	30	≤0.35	20	≥20	≤150w	≤100w
TG0401B-CE4	485-515	30	≤0.35	20	≥20	≤150w	≤100w
TG0401B-CE5	515-545	30	≤0.35	20	≥20	≤150w	≤100w

Nominal impedance: 50Ω

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

Notes:

- 1) Electrical specification value test at 25° C at sea level
- 2) Dimension and specifications refer to connector type N unless otherwise specified

