

200cm VHF Ferrite Circulator 150W

Model: TH0101A-B



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)	70mm x 70mm x 22mm
WEIGHT kg	0.51

RoHS compliant: Yes

Features:

- Wide Frequency range (140MHz -240MHz)
- Wide Bandwidth (8MHz)
- Low VSWR (1.25:1)
- Low Insertion Loss (0.55dB)
- High Isolation between input and output (-20dB)

ELECTRICAL SPECIFICATIONS

Model	Frequency Range(MHz)	Bandwidth (MHz)	Insertion Loss (1-2) (dB)	Return Loss (dB)	Isolation (2-1) (dB)	Power Avg. (max)
TH0101A-B-CE1	135-144	8	≤0.6	17	≥18	≤150w
TH0101A-B-CE2	144-152	8	≤0.6	18	≥18	≤150w
TH0101A-B-CE3	152-160	8	≤0.5	18	≥20	≤150w
TH0101A-B-CE4	160-168	8	≤0.5	20	≥20	≤150w
TH0101A-B-CE5	168-176	8	≤0.5	20	≥20	≤150w

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 140MHz and 240MHz at 8MHz bandwidth

