

70cm UHF Ferrite Circulator 150W

Model: TH0401A



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel / Brass
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-10° C to +60° C
Dimensions (mm)	49.5mm x 44mm x 21mm
WEIGHT kg	0.35

RoHS compliant: Yes

Features:

- Wide Frequency Range (400MHz – 600MHz)
- Wide Bandwidth (30 MHz)
- Low VSWR (1.22:1)
- Low Insertion Loss (0.35dB)
- High Isolation between input and output (-20dB)

ELECTRICAL SPECIFICATIONS

Model	Frequency Range(MHz)	Bandwidth (MHz)	Insertion Loss (dB)	Return Loss IN/OUT (dB)	Isolation IN/OUT (dB)	Average Power (max)
TH0401A-CE1	400-430	30	≤0.35	20	≥20	≤150w
TH0401A-CE2	430-460	30	≤0.35	20	≥20	≤150w
TH0401A-CE3	455-485	30	≤0.35	20	≥20	≤150w
TH0401A-CE4	485-515	30	≤0.35	20	≥20	≤150w
TH0401A-CE5	515-545	30	≤0.35	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 400MHz and 600MHz at 30MHz bandwidth

