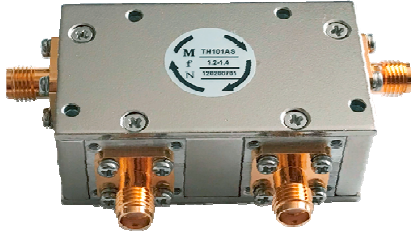


Dual Junction Ferrite Circulator 100W

Model: TH101AS CE1

1.2GHz -1.4GHz



MECHANICAL SPECIFICATIONS	
CONNECTORS	Brass Nickel Plated
PIN	Beryllium copper Gold Plate
HOUSING	Steel
INSULATOR	PTFE Virgin Electrical Grade
OPERATING TEMP.	-40° C to +85° C
Dimensions (mm)	50.8mm x 25.8mm x 20mm
WEIGHT kg	0.2

RoHS compliant: Yes

Features:

- Wide Frequency Bandwidth (200MHz)
- Low VSWR (1.2:1)
- Low Insertion Loss (0.6dB)
- High Isolation between input and output (-46dB)

ELECTRICAL SPECIFICATIONS

Model	Frequency Range (GHz)	Bandwidth (MHz)	Insertion Loss (1-2) (dB)	VSWR (Max.)	Isolation (2-1) (dB)	Forward Power (max)
TH101AS -CE1	1.2 – 1.4	200	≤0.7	1.2	≥46	≤100w

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
- 3) Custom designs available for specialised centre frequency and bandwidth

