

RF Coaxial Ferrite Isolator 2.0 GHz - 4.0GHz 10W

Model: TG201F



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)	38.5mm x 25.4mm x 20mm
WEIGHT kg	0.20

RoHS compliant: Yes

Features:

- Wide Frequency range (2000MHz -4000MHz)
- Wide Bandwidth (300MHz)
- Low VSWR (1.20:1)
- Low Insertion Loss (0.3dB)
- High Isolation between input and output (-23dB)
- Integrated with 10W 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)
TG0201F-CE1	2000-2200	200	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE2	2200-2420	220	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE3	2420-2670	250	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE4	2670-2970	300	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE5	2970-3270	300	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE6	3270-3600	330	≤0.3	22	≥23	≤120w	≤10w
TG0201F-CE7	3600-4000	400	≤0.3	22	≥23	≤120w	≤10w

Nominal impedance: 50Ω

Connector: SMA

Notes:

- Electrical specification value is specified at ambient temperature 25° C and sea level
- Accept quantity order for any custom centre frequency between 2.0GHz and 4.0GHz at 300MHz bandwidth

