

# TECHWAVE PRODUCT DATA SHEET

## Coaxial Cable Connector: TC-CN-N-J-1/2-RC-1

### Description

Straight cable plug for 1/2" cable

### Suitable standard

IEC 60169-16

### Part number

TC-CN-N-J-1/2-RC-1

### MATERIALS & PLATING

	Description	Material	Surface Plating	Remark
1	Shell/Body	BRASS	CuSnZn3	
2	Contact pin	BRONZE	Silver	
3	Nut	BRASS	CuSnZn3	
4	Insulator	PTFES		
5	Gasket	SILICONE		

### ELECTRICAL CHARACTERISTICS

	Item	Technical Data
1	Impedance	50Ω
2	Frequency range max	DC-3 GHz
3	Dielectric Withstanding Voltage	1500V (RMS)
4	Contact Resistance	Center conductor $\leq 1\text{m}\Omega$ , Outer conductor $\leq 1\text{m}\Omega$
5	Insulation Resistance	$\geq 5000\text{M}\Omega$
6	PIM	-116dBm

### MECHANICAL CHARACTERISTICS

1	Mating	5/8" -24UNEF-2B
2	Durability	$\geq 500$ cycles

### ENVIRONMENTAL CHARACTERISTICS

1	Temperature range	- 40° C to +85 ° C
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