



PRODUCT DATA SHEET

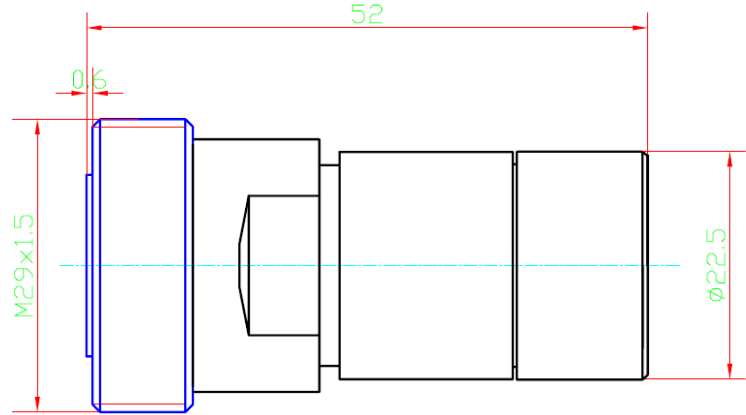
Coaxial Cable Connect: DIN-F1/2-A

Description

DIN(F) Connector for 1/2" Cable

Suitable standard

IEC 60169-4



MATERIALS & PLATING

	Description	Material	Surface Plating	Remark
1	Shell/Body	BRASS	Nickel or Tri-Allory	
2	Center Conductor	Phosphor bronze	Gold or Silver	
3	Insulator	PTFE		

ELECTRICAL CHARACTERISTICS

	Item	Technical Data
1	Impedance	50Ω
2	Frequency range max	DC-3 GHz
3	Contact Resistance	Center conductor $\leq 0.4\text{m}\Omega$, Outer conductor $\leq 1\text{m}\Omega$
4	Insulation Resistance	$\geq 10000\text{M}\Omega$
5	VSWR	DC~3GHz<1.06
6	IMP3	$\leq -155\text{dBc}$
7	Dielectric Withstanding Voltage	$\geq 4000\text{V RMS}$, 50Hz, at sea level

MECHANICAL CHARACTERISTICS

1	Durability	≥ 500 cycles
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ENVIRONMENTAL CHARACTERISTICS

1	Temperature range	Cable: - 40°C to +100 °C
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