

RF/Coaxial Cable Assembly

SMA Straight Plug, SRT-50-2-1



Specifications:

Frequency Range	: 0 to 18GHz
VSWR	: ≤ 1.35
Insertion Loss	: $\leq 1.1\text{db}$
Body	: Brass Nickel
Centre contact	: Brass Gold
Insulator	: PTFE

SFT-50-3-1 (RG402) Specifications:

Semi-rigid 50 Ω coax cable, 0.141" copper tube outer conductor

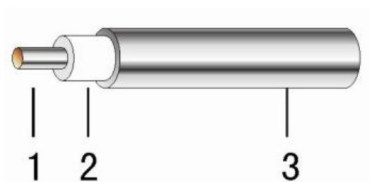
Electrical Characteristics

Impedance	: 50 Ω
Capacitance	: 95.1 pF/m
Corona Voltage	: 1.9 kVrms @60Hz
Dielectric withstanding Voltage	: 5 kVrms @60Hz
Cut-off Frequency	: 34 GHz

Mechanical & Environmental Characteristics

Min. Bend Radius	: 13mm
Outer Conductor withstanding temperature up limit	: +175°C
Working Temperature Range	: -55°C to +125°C

Construction



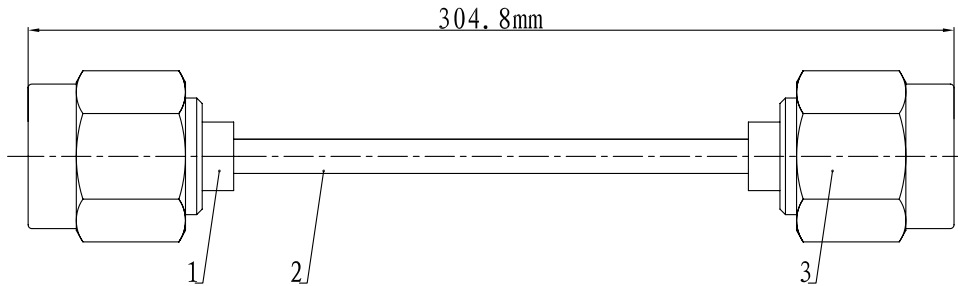
No.	Item	Material	Dia. (mm)
1.	Inner Conductor	Silver plated copper	1/0.92
2.	Dielectric	PTFE	2.98 \pm 0.03
3.	Outer conductor	Tin / Tri-metal plated copper tube	3.58 \pm 0.03

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Diagram



No.	Description	Qty.
1.	SMA-JB2	1
2.	SRT-50-2-1	
3.	SMA-JB2	

Part Number Table

Description	Part Number
RF/Coaxial Cable Assembly SMA Straight Plug, SRT-50-2-1	MC001055

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