

RF/Coaxial Cable Assembly

SMA Straight Plug, SRT-50-2-1

multicomp PRO



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

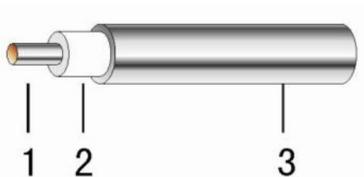
Electrical Characteristics

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 $^{\circ}\text{C}$
Working Temperature Range : -55 $^{\circ}\text{C}$ to +125 $^{\circ}\text{C}$

Construction



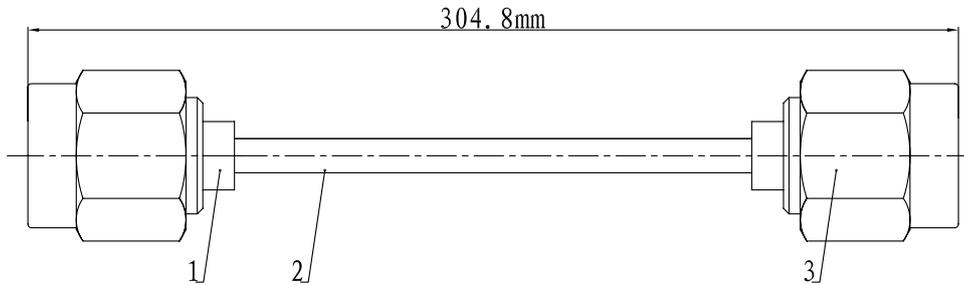
No.	Item	Material	Dia. (mm)
1.	Inner Conductor	Silver plated copper	1/0.92
2.	Dielectric	PTFE	2.98 \pm 0.03
3.	Outer conductor	Tin / Tri-metal plated copper tube	3.58 \pm 0.03

RF/Coaxial Cable Assembly

SMA Straight Plug, SRT-50-2-1

multicomp PRO

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
 Farnell.com/multicomp-pro
 Element14.com/multicomp-pro

multicomp PRO