

RF CABLE ASSEMBLY

SMA Male Straight to SMA Male Straight - LMR240

SPECIFICATION	
RF Series 1	SMA
Gender	Plug (Male)
Orientation 1 (Body)	Straight
RF series 2	SMA
Gender 2	Plug (Male)
Orientation 2 (Body)	Straight
Body Finish	Gold
Body Material	Brass
Contact Finish	Gold
Contact Material	Phosphor Copper
Cable Type	LMR240
Cable Center Conductor	Solid BC
Cable Dielectric Material	Foam PE
Cable Outer Conductor	Aluminium Tape
Cable Overall Braid	Tinned Copper
Jacket	PE
Cable Colour	Black

PART No: TE-RFCA-SMA-MST-MST-LMR240-1M



Key Applications:

- Antenna feeder runs
- Inter/intra cabinet jumpers
- Internal component equipment wiring
- GPS system wiring

ELECTRICAL PROPERTIES	
Frequency	DC - 6 GHz
Impedance	50 Ohm
VSWR	≤1.40
Max Insertion Loss/mtr (dB)	0.73 @ 900 MHz
	0.89 @ 2.5 GHz
	1.17 @ 5.8 GHz
Capacitance (pF/m)	79.4
Velocity of Propagation	83%
Shielding Effectiveness	> 90dB
Voltage Withstand (Volts DC)	1500

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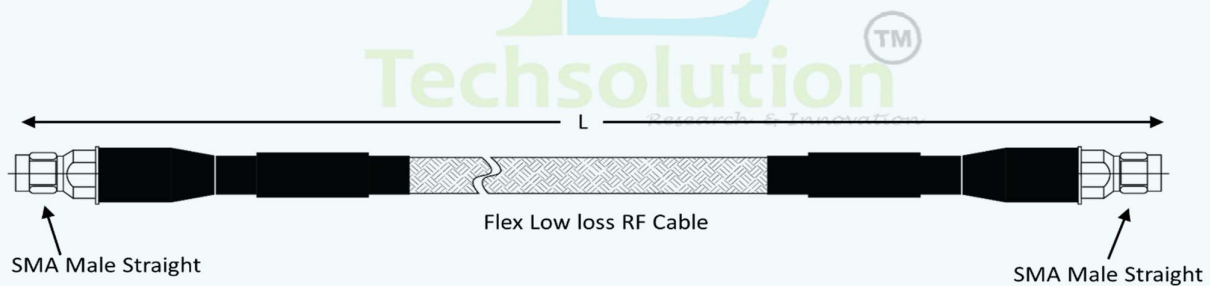
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Mechanical Properties

Length	1 mtr.	
Length Tolerance	±1%	
Weight	100gm (Max)	
Durability (matings)	≥ 500	
Min. Bending Radius	Static	19.1
	Dynamic	60.0
Outer Diameter (Max)	6mm	
Marker Position	Centre and both Side	

Environmental Properties

Temperature Range	-40 to 85°C
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CAD drawing shown is for reference only and may differ slightly from the actual RF cable assembly.

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