

## SMA (M) – SMA (M) STRAIGHT PLUG RF CABLE ASSY- 1000 MM

### 3MR CATEGORY

Electrical data	Requirements
Frequency range	DC-18GHZ
Characteristic impedance	50Ω
Insulation Resistance	≥5000MΩ
Max insertion loss :	1.9 dB at 18GHz at 20°C
Max return loss :	1.35 :1 (-16.54 dB) in the frequency band DC - 18GHz
Mechanical data	Requirements
Length	1000mm
Length Tolerance	±20mm
Weight	70 gms
Durability (matings)	≥500
Min. Static bending radius	18 mm
Min. Dynamic bending radius	36 mm
Outer Diameter (Max)	3.65 mm
Environmental Characteristics	Requirements
Temperature range	-55 to +125 °C
Material data	Requirements
Connector parts	Material
Body	Steel
Pin contacts	Brass
Insulators	Teflon

