

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

### 8MR CATEGORY

Electrical data	Requirements	
Frequency range	DC-18GHZ	
Characteristic impedance	50Ω	
Insulation Resistance	≥ 5000MΩ	
Max insertion loss :	≥ 1.2 dB at 18GHz at 20°C	
Max return loss :	1.34 :1 (-16.75 dB) in the frequency band DC - 18GHz	
Mechanical data	Requirements	
Length	1000mm	
Length Tolerance	±20mm	
Weight	185 gms (max)	
Durability (matings)	≥500	
Min. Static bending radius	40 mm	
Min. Dynamic bending radius	80 mm	
Outer Diameter (Max)	8.10 mm	
Environmental Characteristics	Requirements	
Temperature range	-55 to +125 °C	
Material data	Requirements	
Connector parts	Material	
Body	Steel	
Pin contacts	Brass	
Insulators	Teflon	

