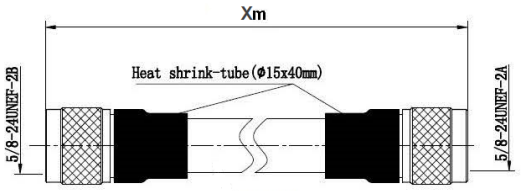
Ø10mm RF Cable

For External Antenna Connection

Specifications

Electrical Specifications			
Length	2 m	3 m	5 m
VSWR (Max.)	1.20	1.20	1.30
Loss (Cable Only)	2 m	3 m	5 m
Loss @900 MHz, dB	0.256	0.384	0.640
Loss @2 GHz, dB	0.392	0.588	0.980
Loss @2.5 GHz, dB	0.444	0.666	1.110
Loss @5.8 GHz, dB	0.710	1.065	1.775
Loss (with 2 Connectors)	2 m	3 m	5 m
Loss @900 MHz, dB	0.556	0.684	0.940
Loss @2 GHz, dB	0.692	0.888	1.280
Loss @2.5 GHz, dB	0.744	0.966	1.410
Loss @5.8 GHz, dB	1.010	1.365	2.075
Impedance	50 Ω (Nominal)		
Frequency Range	DC to 6 GHz (Max.)		
Dielectric Withstanding Voltage	2,000 V (rms)		
Insulation Resistance	5,000 MΩ (Min.)		
Mechanical Specifications			
Durability	500 Cycles (Min.)		
Temperature	-45°C to +85 °C (Cable)		
Bending Radius	25.4 mm (Min.)		
Cable Material Specifications			
Conductor	Copper Clad Aluminium, 1 Core, Ø2.74 mm		
Insulation	PEF, Thickness 2.2 mm, Outer Ø7.24 mm		
Binder	Sealed Aluminium Mylar Tape		
Braid Shield	Aluminium Alloy Wire, 85%↑ Coverage		
Jacket	PVC or PE, Outer Ø10.3±0.25 mm		
Connector Material Specifications			
Body	Brass, Ni or Tri-alloy Surface Plating		
Center Conductor	Brass, Au or Ag Surface Plating		
Insulator	PTFE		
Other	Brass, Ni Surface Plating		
Certification			
IEC	IEC 60169-16		

Drawing Diagram



Product Ordering

Part Number: GE.CA-N002-00
2m Ø10mm RF Cable with 2 N-male Connectors
Part Number: GE.CA-N003-00
3m Ø10mm RF Cable with 2 N-male Connectors
Part Number: NS.CA-N005-00
5m Ø10mm RF Cable with 2 N-male Connectors

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