

GF 100 Technical Data Sheet



Rated Voltage	Rated Temperature	Max. Conductor DC Resistance at 20°C (Ω/km)	Min. Insulation DC resistance at 20°C (MΩ*km)	Impedance (Ω) at 200MHz	Capacitance (pF/m)
300V	-20c - +70c	< 2.6	200	75(± 3)Ω	53.5(± 5)

Conductor: Solid bare copper
Diameter: 1.0(± 0.02)mm

Insulation: FPE (Foam Polyethylene)
Diameter: 4.6(±0.2)mm

Shield: Copper covered aluminium-foil

Braid: Copper covered aluminium
Diameter: 0.12x64

Jacket: PVC sheath (RoHS compliant)
Diameter: 6.50(± 0.25)mm

Test standard: EN50289, UL1581, UL444

Attenuation at 20°C (-dB/100m) (± 15%)	
55	5.5
100	7.1
211	10.0
400	13.68
870	20.73
1000	22.35
1750	31.7
2150	35.35