

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	-20°C - +70°C	< 2.6	200	75(± 3)Ω	53.5(± 5)

<u>Conductor:</u> <u>Diameter:</u>	Solid bare copper 1.0(± 0.02)mm
<u>Insulation:</u> <u>Diameter:</u>	FPE (Foam Polyethylene) 4.6(±0.2)mm
<u>Shield:</u>	Copper covered aluminium-foil
<u>Braid:</u> <u>Diameter:</u>	Copper covered aluminium 0.12x64
<u>Jacket:</u> <u>Diameter:</u>	PVC sheath (RoHS compliant) 6.50(± 0.25)mm
<u>Test standard:</u>	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