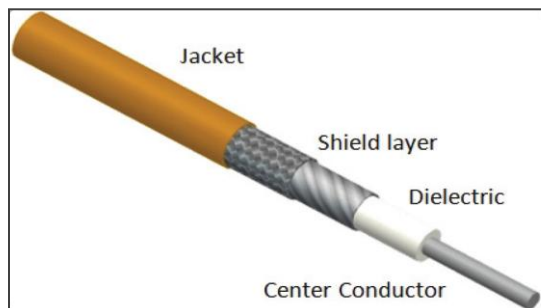


Cable Structure & Material

- Center conductor : silver plated copper
- Dielectric core : low density PTFE (extruded)
- Inner shield: silver plated copper tape
- Outer shield : silver plated copper braid
- Jacket : FEP

Specifications**Physical & Environmental Specification**

Frequency range	DC to 26.5 GHz
Center Conductor [mm]	19 / 0.3
Inner shield (1 st Outer shield)	4.45 ± 0.10mm
Outer shield (2 nd Outer shield)	4.87 ± 0.15mm
Out diameter [mm]	5.70± 0.15mm
Minimum bend radius (Min.)	29.2
Weight [g/m]	70
Temperature range	-55 ~ 135 °C

Electrical Specification

Impedance	50 Ω
Velocity of propagation	77% nom.
Dielectric constant	1.7
RF leakage	-90 dB
Time delay [ns/m]	4.35
Capacitance [pF/m]	85
Phase stability vs. flexure [@18GHz max.]	4 °
IL stability vs. flexure [dB @minimum BR]	±0.3
Phase stability vs. temp. [deg/GHz/m](-40~80 °C)	< 2 °

Attenuation [dB/m]

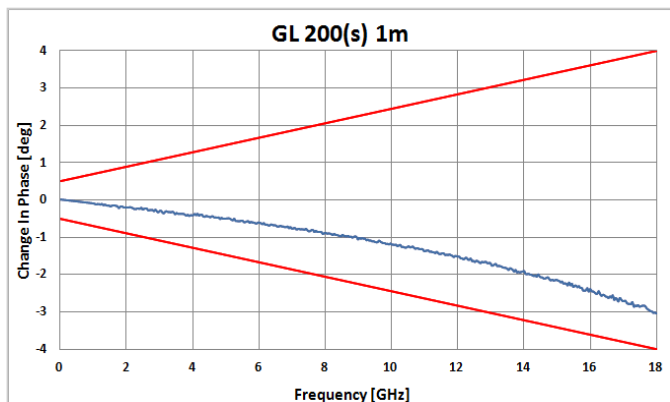
1 GHz	0.25
3 GHz	0.45
6 GHz	0.65
10 GHz	0.88
12 GHz	0.99
18 GHz	1.24
26.5 GHz	1.49

Power Handling [W] @ + 25 °C (Sea level)

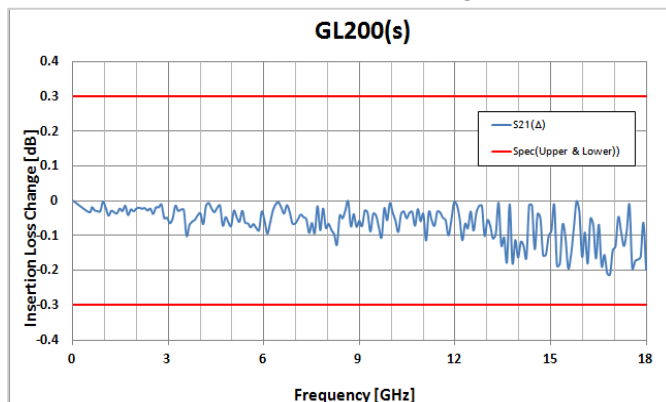
1 GHz	980
2 GHz	690
6 GHz	400
12 GHz	279
18 GHz	230
26.5 GHz	188

Cable Insertion & Phase Stability with Flexure

Phase Change

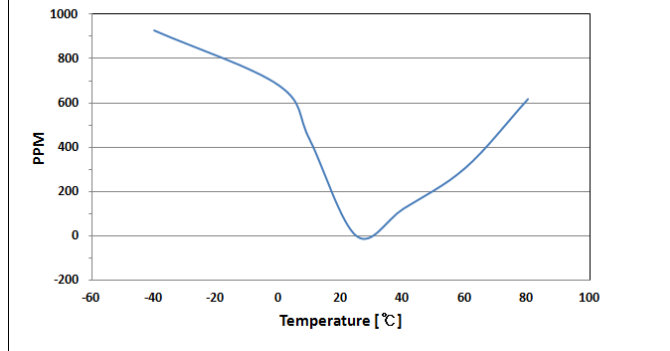


Insertion Loss Change

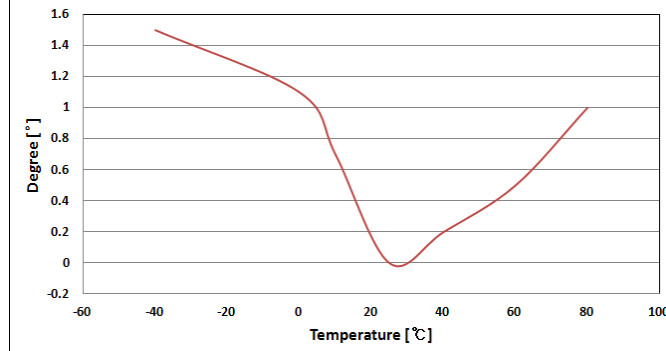


Cable Phase Stability with Temperature

Phase change GL200(s) [PPM]

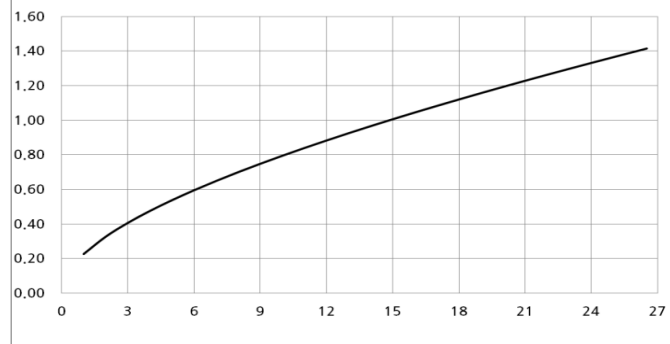


Phase change GL200(s) [deg/GHz/m]



Attenuation & Power

Attenuation [dB/m]



Average Power Rating [W]

