

Maxflex141 Cable



Construction Specification

	Material	Diameter(mm)
1.Inner Conductor	Silver Plated Copper Clad Steel	0.92±0.02
2.Dielectric	PTF	2.95±0.05
3.Outer Conductor1	Flat silver plated copper wrap	---
4.Outer Conductor2	Silver plated copper braid	Nom. 3.50
5.Jacket	FEP(BLUE)	4.15±0.10

Electrical Characteristics

Capacitance(PF/m)	Nom.95.1
Impedance(ohm)	50
Velocity of Propagation(%)	70
Cutoff Frequency(GHz)	34
Voltage withstanding(kVrms 50Hz/1 min.)	3.0
Screening efficiency(dB)	>100

Mechanical and Environmental Characteristics

Min.Bending Radius Static(mm)	15
Min.Bending radius Repeated(mm)	50
Operating Temp(°C)	-65 to +200
RoHS	Compliant

Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation(dB/m)
0.5	0.33
1.0	0.45
5.0	1.07
8.0	1.41
10.0	1.67
12.50	1.93
18.0	2.45