

Cable design

Center conductor	silver-plated solid copperweld wire
Dielectric	PTFE
Shield	silver-plated copper tape silver-plated copper braid
Jacket	FEP
Center conductor diameter	Ø 0,94 mm
Dielectric diameter	Ø 2,97 mm
Outer shield diameter	Ø 3,58 mm (0.141 inch)
Out-side diameter	Ø 4,14 mm
Weight	0,048 kg/m

Electrical data

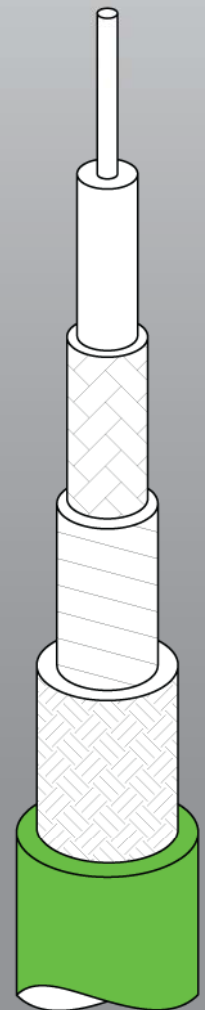
Impedance	50 ohms
Capacitance	96 pF/m
Frequency range	DC – 18 GHz.
Insertion loss	see graph
Velocity of propagation	70 %
Shielding effectiveness	< -100 dB/m typical

Mechanical and environmental data

Temperature range	-55 to +165°C
Salt spray	96 hours
Bending radius	10 mm (static) 40 mm (dynamic)

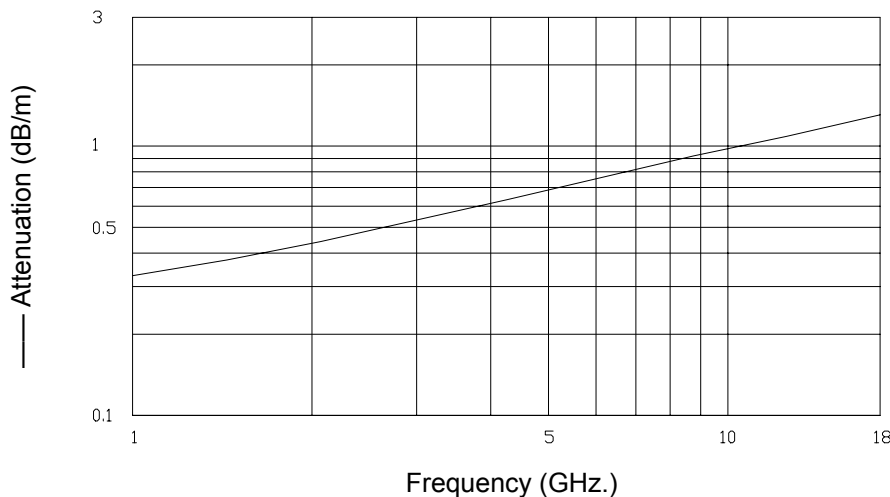
**High Performance
ultra low loss coaxial cable**

LL 142 UFP



DC – 18 Ghz

Attuation Power



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We can supply cable harnesses made to your requirements.
Also available: High Dynamic Coaxial Cable.

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