

**Cable design**

Center conductor	silver-plated copper
Dielectric	ePTFE wrapped
Outer conductor	seamless copper tubing
Center conductor diameter	Ø 1,16 mm
Dielectric diameter	Ø 3,05 mm
Out-side diameter	Ø 3,58 mm (0.141 inch)
Weight	0,040 kg/m

**Electrical data**

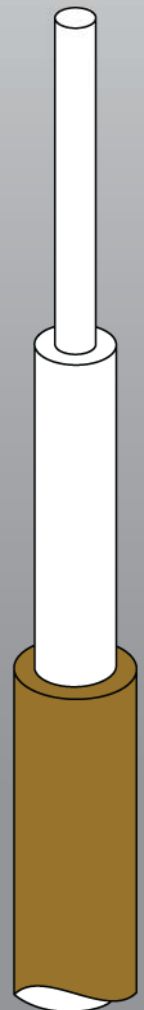
Impedance	50 ohms
Frequency range	DC – 40 GHz.
Insertion loss	see graph
Velocity of propagation	83 %
Shielding effectiveness	< -120 dB/m typical
Dielectric strength 60 Hz.	5,0 kVrms
Corona extinction	>1,0 kVrms

**Mechanical and environmental data**

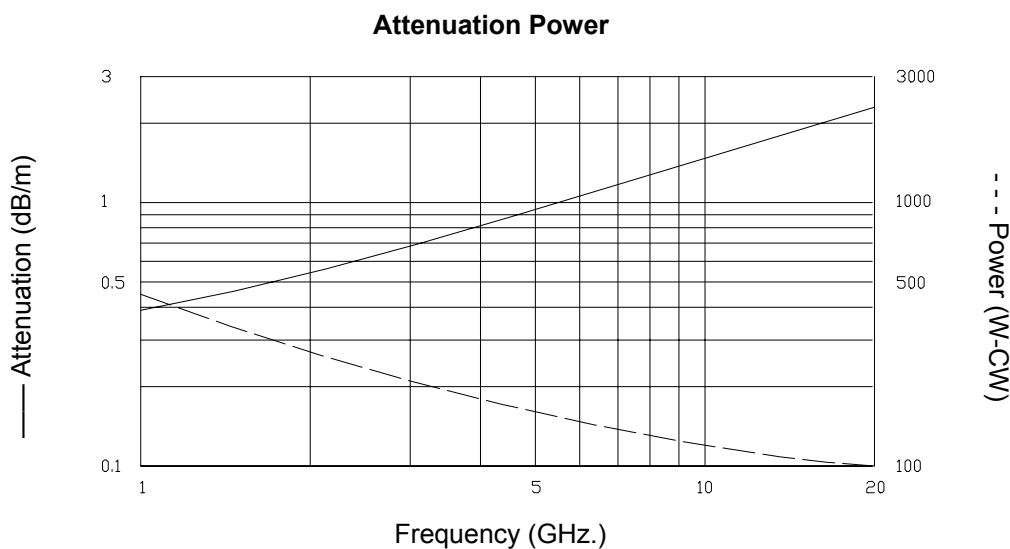
Temperature range	-55 to +200°C
Bending radius	15,9 mm (proper tooling)

Semi Rigid hand formable

**EZ 9091  
M17/.141**



DC - 40 Ghz



Please consult us for the required connectors.  
We can supply cable harnesses made to your requirements.  
Also available: High Dynamic Coaxial Cable.

**Gigalink Microwave  
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