

**Military part number**

**M17/133- 00003 / 00009**

**Semi Rigid hand formable**

**Cable design**

|                           |                                    |
|---------------------------|------------------------------------|
| Center conductor          | silver-plated copper               |
| Dielectric                | extruded PTFE                      |
| Outer conductor           | seamless copper tubing, tin plated |
| Center conductor diameter | Ø 0,51 mm                          |
| Dielectric diameter       | Ø 1,68 mm                          |
| Out-side diameter         | Ø 2,20 mm (0.086 inch)             |
| Weight                    | 0,024 kg/m                         |

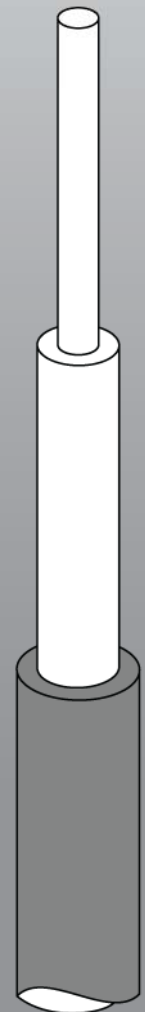
**Electrical data**

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

**Mechanical and environmental data**

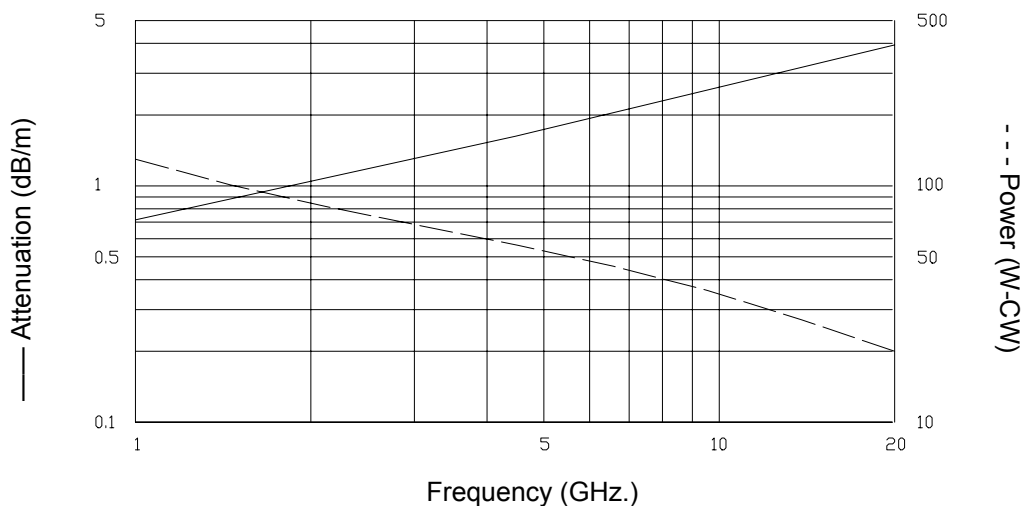
|                   |                         |
|-------------------|-------------------------|
| Temperature range | -55 to +125°C           |
| Bending radius    | 1,3 mm (proper tooling) |

**EZ 7013  
M17/.086 TP**



**DC – 40 GHz**

**Attenuation Power**



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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