

Cable design

| | |
|-------------------|------------------------------------|
| Center conductor | silver-plated flexible copper wire |
| Dielectric | ePTFE wrapped |
| Shield | silver-plated tape |
| Inner jacket | ePTFE wrapped |
| Shield | silver-plated copper braid |
| Jacket | ePTFE wrapped |
| Out-side diameter | Ø 4,40 mm |
| Weight | 0,030 kg/m |

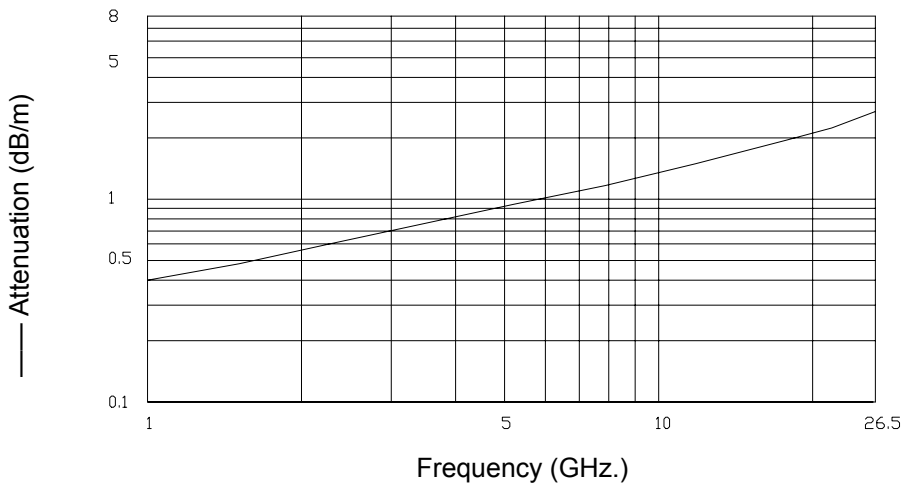
Electrical data

| | |
|-------------------------|---------------------|
| Impedance | 50 ohms |
| Capacitance | 81 pF/m |
| Frequency range | DC – 26,5 GHz. |
| V.S.W.R. | <1,35 |
| Insertion loss | see graph |
| Velocity of propagation | 82 % |
| Shielding effectiveness | < -100 dB/m typical |

Mechanical and environmental data

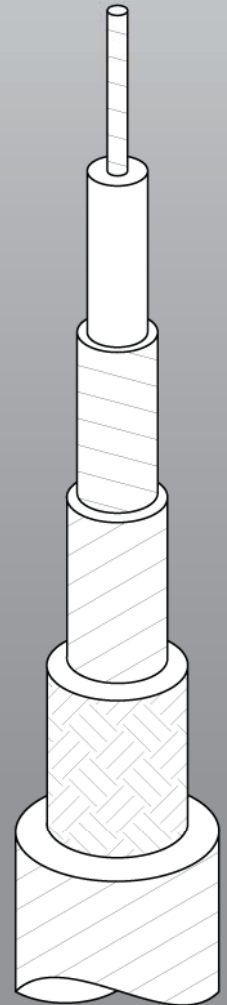
| | |
|-------------------|-----------------------------------|
| Temperature range | -65 to +165°C |
| Salt spray | 96 hours |
| Bending radius | 25 mm (static) 40 mm (dynamic) |
| Flex life | >5.000.000 |

Attenuation Power



**Super Dynamic
ultra low loss coaxial cable**

A 37 TFE



DC – 26,5 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
Connection Engineering B.V.**

Albert Plesmanweg 35 E
3088 GA Rotterdam
The Netherlands

Tel: + 31 (0) 10 789 11 22
Fax: +31 (0) 10 789 11 44
E-mail: info@gigalink-mce.com