

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

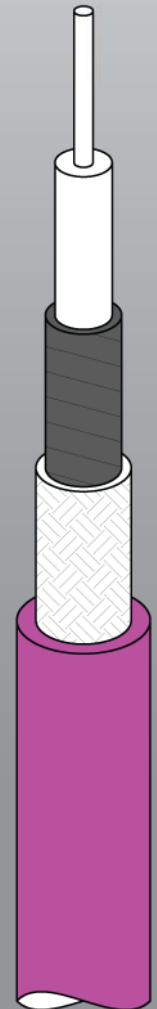
| | |
|-------------------------|---------------------|
| Impedance | 50 ohms |
| Capacitance | 96 pF/m |
| Frequency range | DC – 18 GHz. |
| Insertion loss | see graph |
| Velocity of propagation | 70 % |
| Shielding effectiveness | < -100 dB/m typical |

Mechanical and environmental data

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

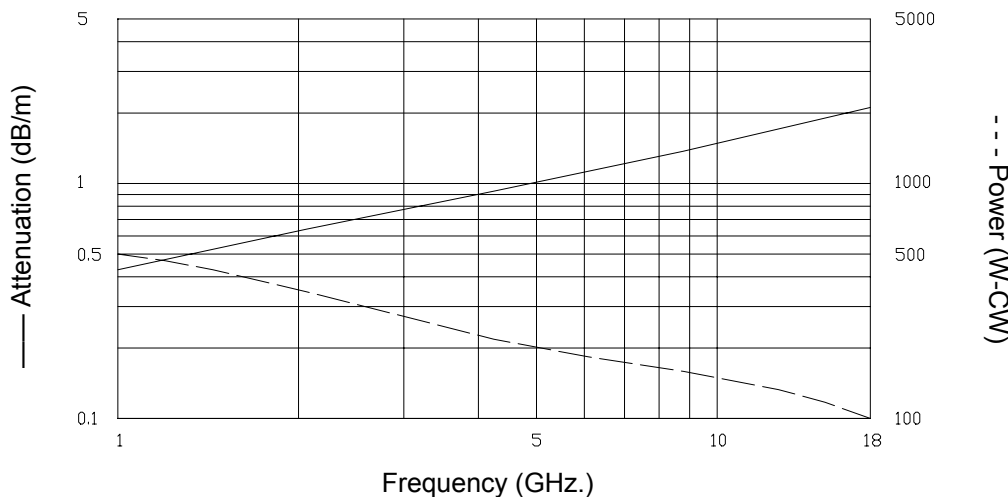
High Performance
ultra low loss coaxial cable

HF 141 UFP



DC – 18 GHz

Attenuation Power



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

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