# DATA SHEET

Code: TRI-LAN-240

## COAXIAL CABLE **TRI-LAN-240** 50 Ω

The modern low-loss RF coaxial cable, 50Ω, up to 6 GHz. The outer coating of the cable is made of PE technology (UV-resistant), so it can be used outdoors.



| **In section:** | **100 m . Price for 1m when buying a whole roll** |
|---|---|
| Inner conductor: | Ø 1.4 mm Cu ± 0.02 mm Wire |
| Dielectric: | Ø 3.8 mm Physical foam |
| Shield: | Foil - Al/PET/Al |
| Braid: | 112 x Ø 0.12 mm Stranded wire CuSn |
| Impedance: | 50 Ω |
| Outer coating: | Ø 6.1 mm ± 0.02 mm PE |
| Main features: | • low attenuation<br>• perfect matched<br>• high screening efficiency<br>• it can be used in WLAN 2,4GHz and 5GHz installations<br>• Operation temp : -40 °C ... 70 °C<br>• Minimal bend radius : 30 / 60 mm |
| Cable attenuation at 100m section: | Temperature : 20 °C<br><br>4.2 dB @ 30 MHz<br>5.4 dB @ 50 MHz<br>9.2 dB @ 150 MHz<br>11.2 dB @ 220 MHz<br>16.2 dB @ 450 MHz<br>23.3 dB @ 900 MHz<br>30.7 dB @ 1500 MHz<br>33.9 dB @ 1800 MHz<br>35.9 dB @ 2000 MHz<br>40.6 dB @ 2500 MHz<br>65.2 dB @ 5800 MHz |

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|---|---|
| Maximum transmitted power: | 1.41 kW @ 30 MHz<br>1.09 kW @ 50 MHz<br>0.62 kW @ 150 MHz<br>0.51 kW @ 220 MHz<br>0.35 kW @ 450 MHz<br>0.24 kW @ 900 MHz<br>0.19 kW @ 1500 MHz<br>0.17 kW @ 1800 MHz<br>0.16 kW @ 2000 MHz<br>0.14 kW @ 2500 MHz<br>0.09 kW @ 5800 MHz |
| Guarantee: | 2 years |

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