



User Manual

Code: TRI-LAN-240
COAXIAL CABLE **TRI-LAN-240** 50 Ω

Warning!

Please read the user manual included in this work as it contains important information related with safety of installation and use of the device.

Only persons who read the user manual may use the device.

The user manual must be kept because it may be required in the future. The device is to be used exclusively for purposes specified in this user manual.

The device must be unpacked prior to starting-up. After removing the packaging make sure the device is in working order.

If the product has defects, it should not be used until it is repaired.

The product is intended for use at home and commercial use and may not be used for other than intended use.

The manufacturer is not liable for damages resulting from not adhering to the rules contained in the user manual, therefore, we recommend to follow the aforementioned safety rules for operation and maintenance of the device. In this way you will ensure yourself safety and avoid causing damage to the device.

The manufacturer and the supplier are not liable for losses or damages arising out of the product, including financial or intangible losses, loss of profits, income, data, pleasure from use of the product or other products related with it - indirect, incidental or consequential loss or damage. The above provisions apply whether the loss or damage concerns:

1. Deterioration of quality or the lack of operation of the products or products related with it due to damage as well as the lack of access to the product when it is undergoing repair, which results in stoppage the loss of user's time or a break in business activity;
2. Improper results of operation of the product or products related with it;
3. It applies to losses and damages according to any legal category, including negligence and other losses, termination of a contract, expressed or implied guarantee and strict liability (even if the manufacturer or the supplier was notified about the possibility of occurrence of such damages).

Safety measures:

Particular attention at designing was directed to quality standards of the device where ensuring safety of operation is the most important factor.

The device must be secured against contact with caustic, staining and viscous fluids.

The modern low-loss RF coaxial cable, 50 Ω , 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 \pm 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 |

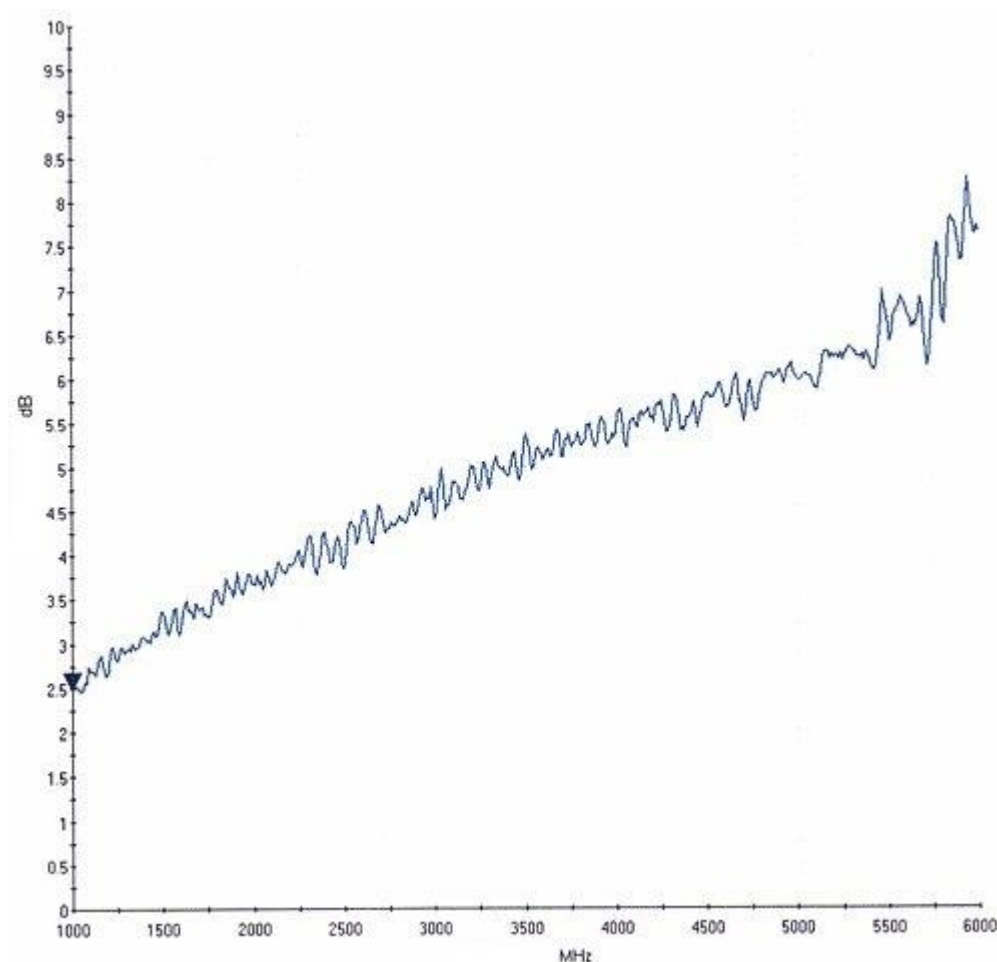


User Manual

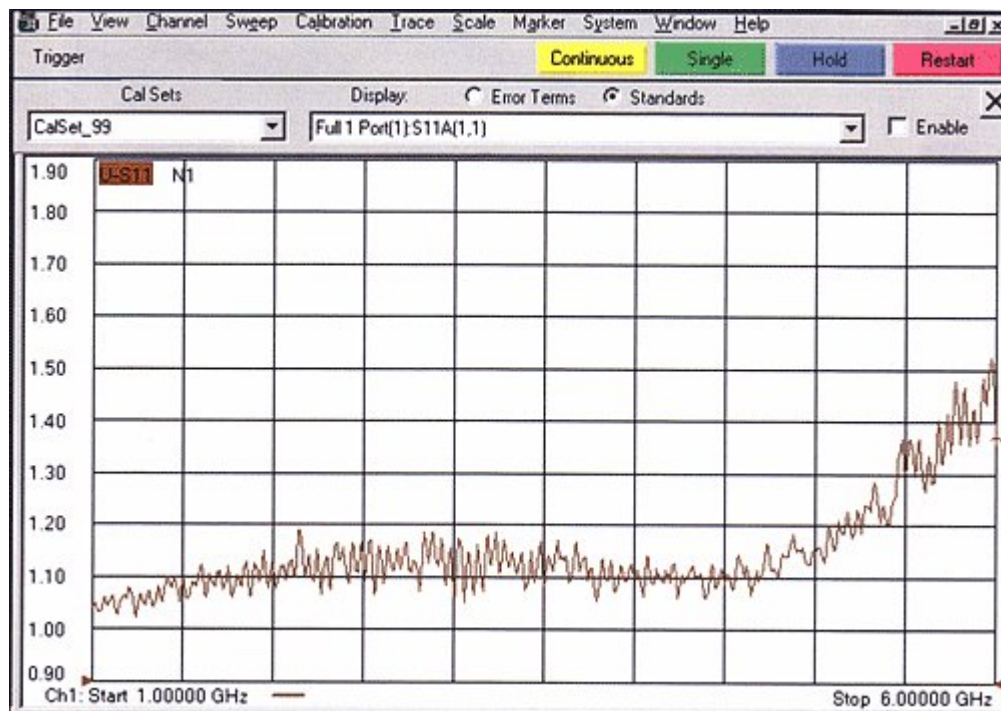
Code: TRI-LAN-240
COAXIAL CABLE **TRI-LAN-240** 50 Ω

| | |
|------------------------------------|---|
| Impedance: | 50 Ω |
| Outer coating: | \varnothing 6.1 mm \pm 0.02 mm PE |
| Main features: | <ul style="list-style-type: none">• low attenuation• perfect matched• high screening efficiency• it can be used in WLAN 2,4GHz and 5GHz installations• Operation temp : -40 °C ... 70 °C• Minimal bend radius : 30 / 60 mm |
| Cable attenuation at 100m section: | Temperature : 20 °C 4.2 dB @ 30 MHz 5.4 dB @ 50 MHz 9.2 dB @ 150 MHz 11.2 dB @ 220 MHz 16.2 dB @ 450 MHz 23.3 dB @ 900 MHz 30.7 dB @ 1500 MHz 33.9 dB @ 1800 MHz 35.9 dB @ 2000 MHz 40.6 dB @ 2500 MHz 65.2 dB @ 5800 MHz |
| Maximum transmitted power: | 1.41 kW @ 30 MHz 1.09 kW @ 50 MHz 0.62 kW @ 150 MHz 0.51 kW @ 220 MHz 0.35 kW @ 450 MHz 0.24 kW @ 900 MHz 0.19 kW @ 1500 MHz 0.17 kW @ 1800 MHz 0.16 kW @ 2000 MHz 0.14 kW @ 2500 MHz 0.09 kW @ 5800 MHz |
| Guarantee: | 2 years |

The TRI-LAN-240 cable matching in frequency response:



The TRI-LAN-240 cable matching in frequency response:



Package:



PACKAGE

| | |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|