

## 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 CTF-113/ZEL is modern 75  $\Omega$  impedance coaxial cable with very good electric and mechanical parameters. The outer coating is made from polyethylene (PE) which is resistant to UV radiation and humidity.

The cable is gel-filled, it can be ground installed without any additional covers.

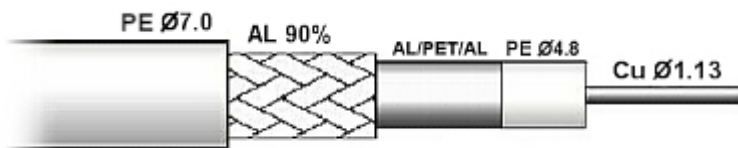
The cable complies with the CPR No. 305/2011 directive and meets the requirements of the PN-EN 50575 European standard which specifies requirements in fire conditions, test methods and rating of cables used as building material. The cable has a Declaration of Performance and a CE marking, which confirm its compliance with the guidelines of the CPR regulation.



In section:	100 m . Price for 1m when buying a whole roll
Coaxial cable:	CTF 113
Inner conductor:	Ø 1.13 mm Cu Wire
Dielectric:	Ø 4.8 mm PE (physical foam)
Shield:	Foil Al/PET/Al - Gel-filled
Braid:	Al wire
Braid density:	90 %
Outer coating:	Ø 7 mm PE

Coating color:	Black
Impedance:	75 $\Omega \pm 3 \Omega$
Capacity:	52 pF/m
Resistance of the inner conductor for DC current:	17 $\Omega$ /km
Screening efficiency:	> 90 dB
Return loss:	28 dB @300MHz 26 dB @900MHz 23 dB @2150MHz
Shortening wave coefficient:	85 %
Weight:	38.4 kg/km
Cable attenuation at 100m section:	3.9 dB @ 50 MHz 7.8 dB @ 200 MHz 12.3 dB @ 450 MHz 17 dB @ 860 MHz 18.6 dB @ 1000 MHz 21.9 dB @ 1350 MHz 25.2 dB @ 1750 MHz 28.2 dB @ 2150 MHz 33.8 dB @ 3000 MHz
Guarantee:	2 years

Coaxial cable parameters:



It is sold in 100m rolls:



PACKAGE

Dimensions (L x W x H): 0x0x0 mm	Gross Weight: 0 kg
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# User Manual

Code: CTF-113/ZEL  
COAXIAL CABLE CTF-113/ZEL

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