

Product Information

Antenna Matching Transformer EAU 60/240/II

With the antenna matching transformer short rod or wire antennas (3 to 15 m) can be connected to a coaxial cable.



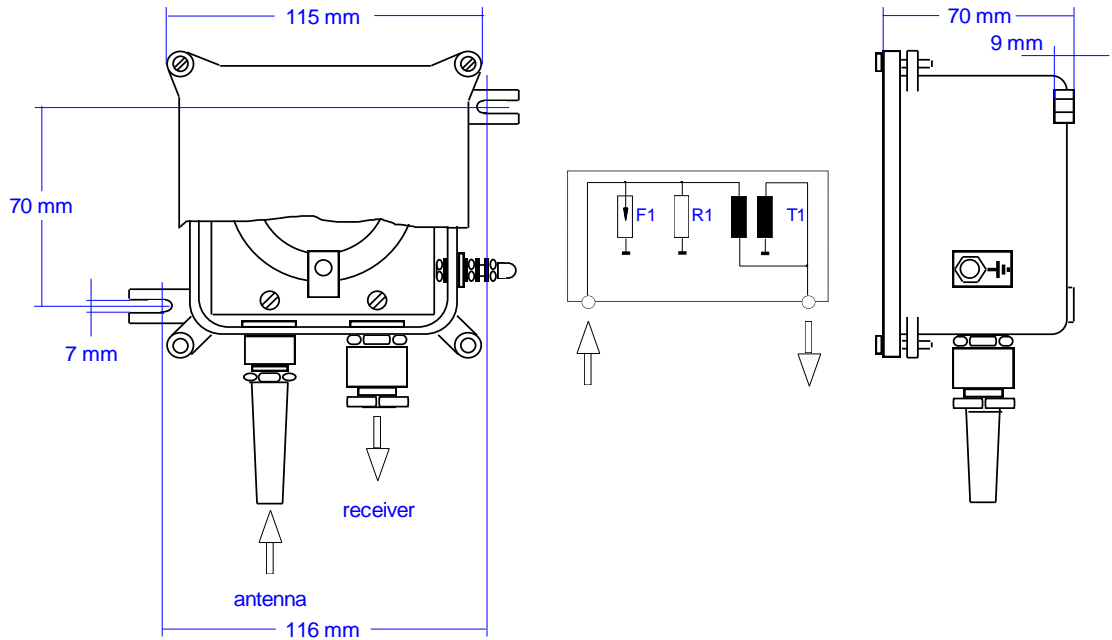
The antenna transformer considerably improves the efficiency of the receiving antenna, particularly in the lower frequency range, and protects the receiver from static charges. Because of the high RF power limit of 100 W, the antenna transformer can also be used for receiving antennas which have been set up close to transmitting antennas.

Technical Data

Parameter	Data
Application	matching transformer for passive receiving antennas
Dimension	115 x 115 x 70 mm
Colour	RAL 7000
Ambient temperature	-40°C...+60°C
Storage temperature	-50°C...+80°C
Protection	IP 54 (vertical installation recommended)
Material casing	bronze-cast
Cable inlet (antenna side)	cable screw joint PG 13,5 for antenna wire litz d = 4,5 mm
Cable outlet (receiver side)	cable screw joint SHV-Erko for RG 213 U
Input protection	2 kV 50 µs
Frequency range	0,1 - 30 MHz
Max. permissible power acceptance	100 W
Output impedance	50 ... 75 Ω
Transformer attenuation	< 1 dB

Data given without tolerance are typical values.
 Design and specification are subject to change without prior notice, errors excepted.

Dimensions and Weight



EAU 60/240/II
1,9 kg

Scope of Supply

Pos.	Description
1	Antenna Matching Transformer EAU 60/240/II

Variants and Order Information

Type Designation	Part No. NSN	Description
EAU 60/240/II	0002.5203.00 5985-12-190-2099	Antenna Matching Transformer Colour RAL 7000
EAU 60/240/II/RAL7001	0002.5210.00 ---	Antenna Matching Transformer Colour RAL 7001
EAU 60/240/II/RAL7032	0002.5211.00 ---	Antenna Matching Transformer Colour RAL 7032
EAU 60/240/II/RAL7040	0002.5212.00 ---	Antenna Matching Transformer Colour RAL 7040
EAU 60/240/II/RAL7046	0002.5213.00 ---	Antenna Matching Transformer Colour RAL 7046

Other variants are available on request.

Options

Option	Part No. NSN	Description
RAL Color Code	depends on RAL color code	Painting in RAL color according to customer specification

Other or customer specific options are available on request.