

# CAR – Coupling Network Balun

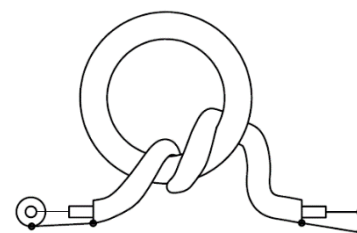
Coupling balun for pulsed sinusoidal disturbances,  
(sheath current filter)

- Coupling balun transformer
- 7637-4 pulse A line-to-line-coupling
- sheath current filter
- 50Ω terminated



According to  
ISO 7637-4: 2020

The CAR coupling balun transformer CAR-CNB1 is used for immunity testing against line-to-line coupled fast transients a balun according to e.g. ISO/ 7637-4:2020. A simple transmission line transformer providing the unbalanced to balanced mode transformation is shown in figure. Both terminals on the balanced side are terminated with 50 Ω to ground.



The software program CAR-remote permits the PC control of the generator via Ethernet and allows the standardized documentation according to IEC 17025 and the evaluation of test results.

Control	Description
CAR-REMOTE-AWG	Remote software with Impulse Recording Function (IRF) ( XP, WIN7, WIN10 ) incl. Ethernet switch

## TECHNICAL SPECIFICATIONS:

### CAR – CNB1

#### Mainframe

Dimensions, case, W * H * D	160 x 105 x 50 mm <sup>3</sup>
Weight	0,5kg
Connector	Type N, 50Ω

#### Balun transformer

Coupling balun	
Frequency range	9kHz – 50MHz
Impedance	50Ω; 1:1
Power	100W

Sales Partner: