

CAR – Coupling Network Balun

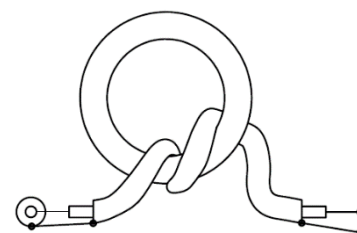
**Coupling balun for pulsed sinusoidal disturbances,
(sheath current filter)**

- **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 ³
Weight	0,5kg
Connector	Type N, 50Ω
Balun transformer	
Coupling balun	
Frequency range	9kHz – 50MHz
Impedance	50Ω; 1:1
Power	100W