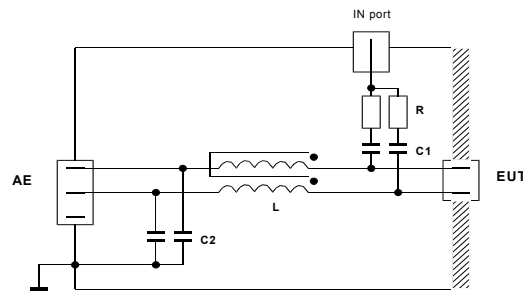
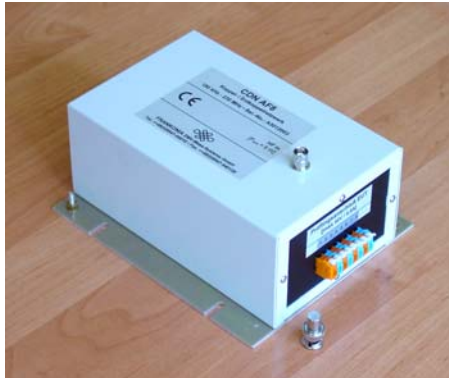


## CDN USB-P

for USB connection to peripheral equipment

Coupling / decoupling networks (CDN) for immunity tests acc. to EN 61000-4-6 / IEC 1000-4-6



Typical Circuit diagram

- **Order Number: USB-P**
- **50Ω-termination included**

| Technical data:                       |                      |                                  |
|---------------------------------------|----------------------|----------------------------------|
| EUT / AE Connection                   | AC voltage:          | 250V <sub>eff</sub>              |
|                                       | DC voltage:          | 400V                             |
|                                       | Rated current:       | 0.5A <sub>eff</sub>              |
|                                       | Connector (EUT/ AE): | USB-A/ USB-B                     |
| RF in                                 | Frequency-range:     | 150kHz - 230MHz                  |
|                                       | Connector:           | BNC, 50Ω                         |
|                                       | RF constant power:   | 6W                               |
| Common-mode impedance                 | 150kHz - 26MHz:      | 130 - 170Ω                       |
|                                       | 26MHz - 230MHz:      | 105 - 210Ω                       |
| Insertion loss Generator / EUT        | 150kHz - 230MHz:     | a = 10dB ± 1dB<br>a = 10dB ± 2dB |
| Decoupling attenuation Generator / AE | 150kHz - 80MHz:      | a > 55dB                         |
|                                       | 80MHz - 230MHz:      | a > 35dB                         |
| Transmission loss EUT/AE (50Ω-System) | DC - 10MHz:          | a < 0.3dB                        |
|                                       | 10MHz - 100MHz:      | a < 3dB                          |
|                                       | 10MHz - 100MHz:      | a < 10dB                         |