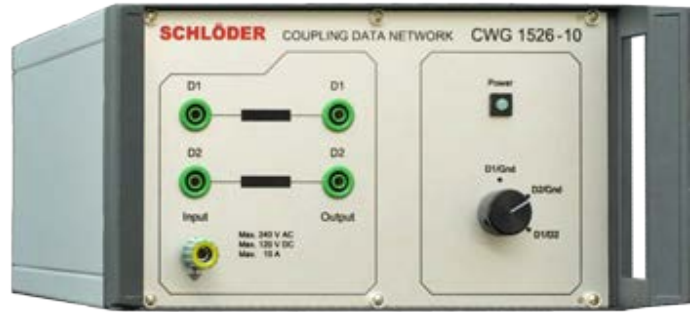


CWG 1526-4 CWG 1526-10

Coupling network for Surge testing on data and signal lines



- **2 unshielded, unbalanced lines**
- **0,5 μF + 40 Ω , IEC / EN 61000-4-5 Ed. 3**
- **4 A (CWG 1626-4) or 10 A (CWG 1526-10)**
- **For surge tests line-to-line and line-to-ground coupling**

The CWG 1526 is a coupling network for EMC immunity according to IEC / EN 61000-4-5 Ed.3, Chapter 6.3.2.2 (Surge tests 1,2 / 50 μs on unshielded, unbalanced connection cables). The interference signals of the Surge Generator are superimposed on the connection lines of the device to be tested. The influencing paths can be selected by the rotary switch between differential mode and common mode coupling (D1/GND, D2/GND or D1/D2).

Technical data

Nominal voltage AC:	max. 240 V, 50/60 Hz
Nominal voltage DC:	max. 120 V
Nominal current I_N	CWG 1526- 4: 2 x 4 A at $T_U = 40^\circ\text{Celsius}$ CWG 1526-10: 2 x 10 A at $T_U = 40^\circ\text{Celsius}$
Serial choke	2 x 20 mH
Coupling capacity C	0,5 μF
Serial resistance R	40 Ω
Maximum pulse voltage 1,2 / 50 μs	4.4 kV
Coupling paths to be selected	D1 - D2, D1 - GND, D2 - GND
High voltage (HV) input	Fischer HV-jack D105A039
Input coupling network	Laboratory jacks
Output coupling network	Laboratory jacks
Input electronic supply	IEC-plug, 230 V / 0,5 A on the rear
Ground connector additional via jack	on the front and rear
Operation temperature	0 up to 40° Celsius
Housing (H x W x D)	150 x 225 x 360 mm (3HE; 42TE)
Weight, approx.	CWG 1526-4: 4,8 kg CWG 1526-10: 10,4 kg

- HV cable CWG 532 for connection to the Surge-Generator CWG 1500 is included (length = 0,85m)