



High Performance Ground Wire Filters (C5-G Series) (RF Shielded Room Applications)



RF Shielded Enclosure,
Faraday Cage,
RF Shielded Room,
Anechoic Chambers,
Tempest Facilities,
RF Isolation of Secure Power Circuits
(Customised versions available)

TECHNICAL DATA

Rated Voltage - Single phase (2 line) filters	250V (line - line) (line - ground)
Rated Voltage - Three phase (4 line) filters	440V (line - line) 250V (line - ground)
Rated Current	See Characteristics (referred to +40°C ambient temperature)
Operating Frequency	0 to 60 Hz
Test Voltage	1000 VDC, 2 s (line - line) 1000 VDC, 2 s (line - ground)
Voltage drop / phase ΔV	<1% (of V_R at 50 Hz and I_R)
Climatic category	25 / 070 / 21



1 Line (C5-G Series) - Ground Wire Filters				
Type	I (A)	Cable Size	Performance	Figure
CEP-10C5-G	1 X 10	4 mm ²	100dB, 14K-40GHz	1
CEP-16C5-G	1 X 16	4 mm ²	100dB, 14K-40GHz	1
CEP-30C5-G	1 X 32	6 mm ²	100dB, 14K-40GHz	1
CEP-50C5-G	1 X 50	10 mm ²	100dB, 14K-40GHz	1
CEP-70C5-G	1 X 63	16 mm ²	100dB, 14K-40GHz	1
CEP-100C5-G	1 X 100	25 mm ²	100dB, 14K-40GHz	2
CEP-150C5-G	1 X 150	50 mm ²	100dB, 14K-40GHz	2
CEP-200C5-G	1 X 200	70 mm ²	100dB, 14K-40GHz	2

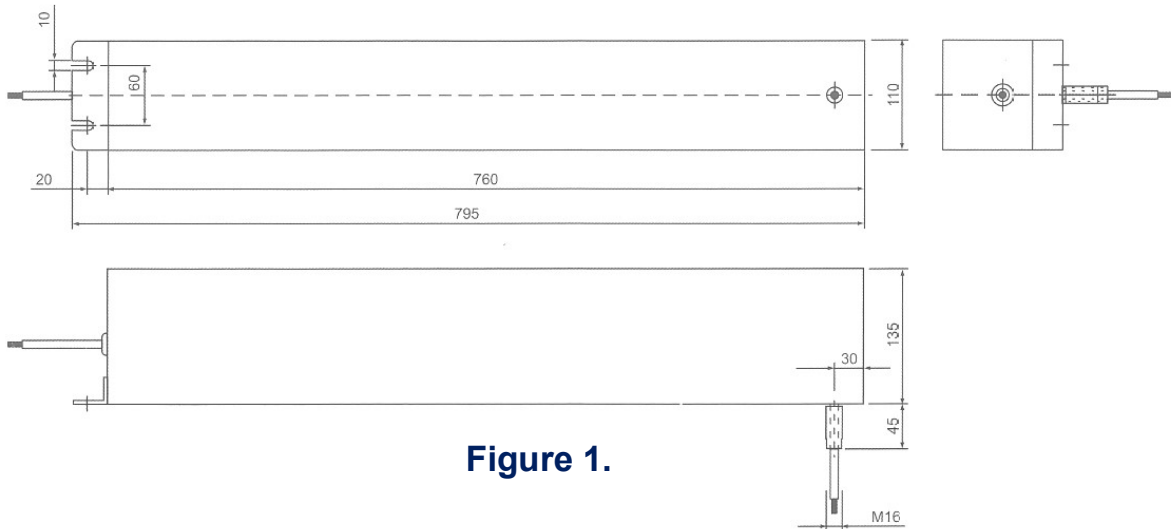


Figure 1.

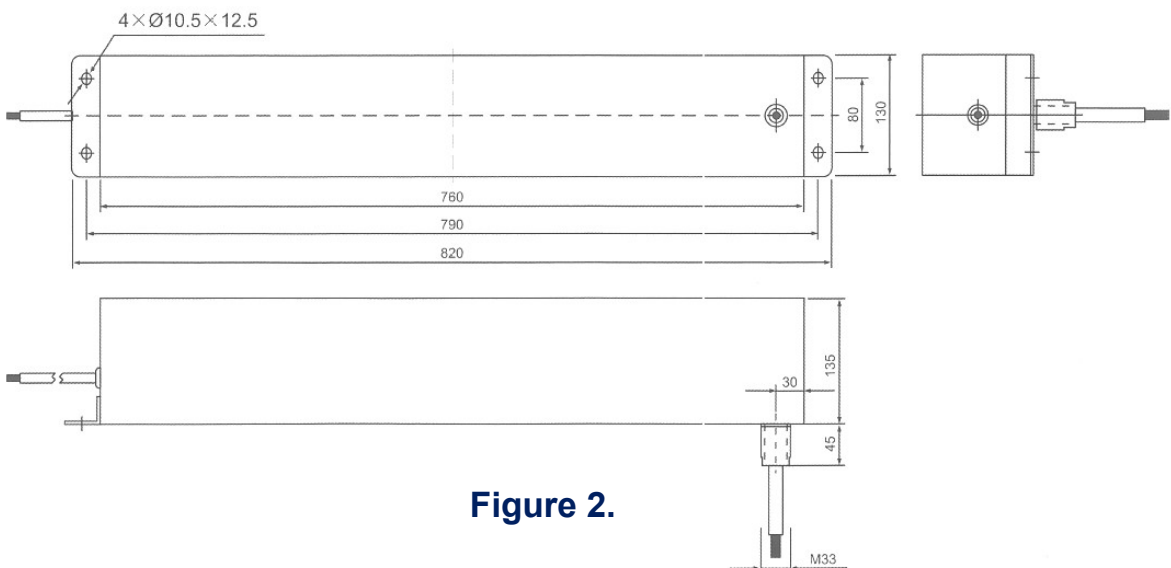


Figure 2.