

Attenuation factors of the measuring system

Frequency [MHz]	Attenuation [dB] Low-pass filter and cable	Antenna factor [dB] Emco 6502	Antenna factor [dB] Emco 3301B
1	0.1	12.3	3.1
2	0.1	12.0	3.3
3	0.1	11.9	3.5
4	0.2	11.8	3.6
5	0.3	11.5	3.7
6	0.3	11.5	3.8
7	0.3	11.5	3.9
8	0.4	11.5	4.0
9	0.4	11.5	4.2
10	0.4	11.5	4.3
11	0.4	11.4	4.7
12	0.5	11.3	4.9
13	0.5	11.2	5.0
14	0.5	11.1	5.2
15	0.5	11.0	5.1
16	0.4	10.9	5.3
17	0.4	10.9	5.5
18	0.4	10.8	5.8
19	0.4	10.8	6.0
20	0.7	10.7	6.2
21	1.0	10.5	6.5
22	1.3	10.3	6.8
23	1.4	10.2	7.0
24	1.7	11.0	7.3
25	1.8	9.8	7.6
26	1.8	9.5	7.9
27	1.6	9.2	8.2
28	1.5	8.9	8.4
29	1.5	8.1	8.7
30	1.7	8.3	9.0

Coaxial cable 3m RG 223/U2, 50 Ohm, with N-Plug, from Huber & Suhner / 955590
(To the antennas, Clamp-on RF current probe)

Coaxial cable 1m RG 58, 50 Ohm, with BNC-Plug, from Huber & Suhner
(From the low-pass filter to the spektrumanalyser)

Coaxial cable 0.2m RG 88 C/U, 50 Ohm, with BNC-Plug, from Dätwyler Altdorf
(From the low-pass filter to the BNC-plug at the measuring system)

Low-pass filter Self-'s building, 30MHz

