

EMC-Shielding Systems

Wavelength and Frequency Range

Radio and television channels:

	Wavelength	Frequency
Long wave (LW)	2 km - 860 m	150 kHz - 350 kHz
Medium wave (MW)	580 m - 184 m	151 kHz - 1630 kHz
Short wave (KW)	51 m - 18.7 m	5.9 MHz - 16 MHz
Ultra short wave (UKW)	3.42 m - 2.88 m	87.7 MHz - 104 MHz
TV (VHF = very high frequency)	6.4 m - 4.4 m	47 MHz - 68 MHz
	1.72 m - 1.3 m	174 MHz - 230 MHz
TV (UHF = ultra high frequency)	0.64 m - 0.35 m	470 MHz - 860 MHz

Mobiles

	Wavelength	Frequency
C-Net	0.66 m	450 MHz
D-Net	0.31 m	950 MHz
E-Net	0.16 m	1,8 GHz