

Line Impedance Stabilisation Networks

LISN

- Wide range available
- Special application LISNs available

In any RF test made on cables entering or leaving any part of equipment under test, it is essential to ensure that the cable is terminated in a defined RF impedance. If not, measurements made at different times under different test conditions will lack repeatability. Schaffner EMC Systems can supply all of the most commonly used networks, in various current and line configurations. Other Line Impedance Stabilisation Networks (LISNs) can be supplied on request.

Most LISN's requirements are defined in CISPR publication 16 under Artificial Mains Networks.

An internal switchable transient limiter is included in all models.

NNB 41 and 42 have remote line switching which can be operated automatically by the SCR 3501 and 3502 receivers.



MN 2050D LISN / Mains Network



NNB41 LISN / Mains Network

Technical Specifications							
Model	Frequency Range	Max Current Continuous / Limited Period	Max Voltage	Network Impedance / Inductance	Number of Lines / Phases	W / H / D mm	Weight kg
MN 2050D	9kHz - 30MHz	10A / 16A	250V AC 250V DC	50Ω / 50μH+5Ω	1 phase / 2 lines	450 / 140 / 310	7
MN 2053D	9kHz - 30MHz	10A / 16A	250V AC 400V DC	50Ω / 50μH+5Ω	3 phase / 4 lines	450 / 190 / 310	10
NNB 41	9kHz - 30MHz	16A	240V AC	50Ω / 50μH+5Ω	1 phase / 2 line	270 / 145 / 260	6
NNB 42	9kHz - 30MHz	32A	450V AC	50Ω / 50μH+5Ω	3 phase / 4 line	480 / 200 / 450	20