



REF : Letter of Conformity, Nexans Cabling Solutions

Nexans Category 5e cables are the standard 100MHz offering. All products both connectivity and cable are manufactured and tested in accordance with TIA 568-B and IEC 61156-5 and are suitable for basic voice & data installations.

Nexans Category 5e cables are compliant with the requirements of the TIA 568-B and IEC 61156-5 and adhere to the following standards :

International ISO/IEC 11801

National TIA/EIA-568-B.2

Electrical Performance

all values are specified at 20°C

Frequency	Attenuation dB/100m	NEXT dB	ACR dB/100m	PS NEXT (*) dB	ELFEXT dB/100m	PSELFEXT dB/100m	RL dB
1	2.1	65.3	63.2	62.3	63.8	61.0	20.0
4	4.0	56.3	52.3	53.3	51.7	49.0	23.0
10	6.3	50.3	44.0	47.3	43.8	41.0	25.0
16	8.0	47.3	39.3	44.3	39.7	36.9	25.0
20	9.0	45.8	36.8	42.8	37.7	35.0	25.0
31.25	11.4	42.9	31.5	39.9	33.9	31.1	23.6
62.5	16.5	38.4	21.9	35.4	27.9	25.1	21.5
100	21.3	35.3	14.0	32.3	23.8	21.0	20.1

(*) Dual cable versions additionally comply to the additional PSNEXT requirements for multi-unit cables as specified in the relevant TIA and IEC cable standards.

Clair Kirby.

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