

- Complies to all Category 6 cable standards
- Supports Class E applications
- Central cross member maintains geometry and performance
- Tested up to 350MHz

### Beskrivelse

#### Application

LANmark-6 cable is the ultimate solution for a future proof network. It is specifically designed to support the exacting requirements for tomorrow's protocols, yet is fully backwards compatible with today's needs. It is the recommended cable for all forthcoming installations.

- 10baseT Ethernet
- 100baseTX Fast Ethernet
- 1000baseTX Gigabit Ethernet
- 155 MBit ATM
- 622 MBit ATM
- 1.2 Gbit ATM
- Future class E applications

LANmark-6 is independently verified to exceed the requirements of the ISO/IEC 11801:2002 Category 6 requirements.

#### Performance

Tested to 350 MHz and with guaranteed performance to 250 MHz, Nexans LANmark-6 cables provide guaranteed headroom and bandwidth over and above the requirements of all international, european and american cable standards, including ISO/IEC 11801:2002, IEC 61156-5, EN 50173, EN 50288, TIA/EIA 568-B.2-1.

#### Installation

LANmark-6 is installed in exactly the same way as Category 5 cables. The C<sup>3</sup> central cross member reduces the risk of crushing and kinking.

#### Guarantees

Nexans LANmark-6 cable is covered by the guarantee that it is Category 6 and by a parts and labour warranty as described in the Nexans Certified System Warranty.



## LANmark-6

#### Standarder

**Internasjonal** EN 50288;  
IEC 61156-5; ISO/IEC 11801

**Norsk** TIA/EIA-568-B.2-1; TIA/  
EIA-568-B.2-1

### Elektriske egenskaper

Alle verdier er spesifisert ved 20°C

Frequency	Attenuation dB/100m	NEXT dB	ACR dB/100m	PSNEXT(*) dB	ELFEXT dB/100m	PSELFEXT dB/100m	RL dB
1	2.0	74.3	72.3	72.3	70.0	67.0	20.0
4	3.8	65.3	61.5	63.3	58.0	55.0	23.0
10	6.0	59.3	53.3	57.3	50.0	47.0	25.0
16	7.6	56.2	48.6	54.3	45.9	42.9	25.0
20	8.5	54.8	46.3	52.8	44.0	41.0	25.0
31.25	10.7	51.9	41.2	49.9	40.5	37.5	23.6
62.5	15.4	47.4	32.0	45.4	34.1	31.1	21.5
100	19.8	44.3	24.5	42.3	30.0	27.0	20.1
155	25.2	41.4	16.2	39.5	26.2	23.2	18.8
200	29.0	39.8	10.8	37.8	24.0	21.0	18.0
250	32.8	38.3	5.5	36.3	22.0	19.0	17.3
300	36.4	37.1	1.5	35.2	20.5	17.5	16.8
350	39.8	36.1	-	34.2	19.1	16.1	14.1

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










### Produktliste



☎=Make to order, 📦=Make to stock

Nexans ref.	Ei. nummer	Produktnavn	Kabeltype	Kategori	Ytre kappe	Leder dimensjon (AWG)
☎ N100.623		LANmark-6 F1/UTP Dual LSZH 500m reel	FTP Shotgun	Cat. 6	LSZH	24
☎ N100.628		LANmark-6 F1/UTP Dual PVC 500m reel	FTP Shotgun	Cat. 6	Polyvinylklorid - PVC	24
☎ N100.633		LANmark-6 SF/UTP Dual LSZH 500m reel	SF/UTP Shotgun	Cat. 6	LSZH	24
☎ N100.609		LANmark-6 U/UTP Dual LSZH 500m reel	U/UTP	Cat. 6	LSZH	23
☎ N100.619	1087762	LANmark-6 U/UTP Dual PVC 500m reel	U/UTP	Cat. 6	Polyvinylklorid - PVC	23
☎ N100.606	1087767	LANmark-6 U/UTP LSZH 1000m reel	U/UTP	Cat. 6	LSZH	23
☎ N100.607	1087765	LANmark-6 U/UTP LSZH 305	U/UTP	Cat. 6	LSZH	23
☎ N100.603	1087780	LANmark6 2xF <sup>2</sup> /UTP LSZH 500	F <sup>2</sup> TP Shotgun	Cat. 6	LSZH	24
☎ N100.613	1087772	LANmark6 2xF <sup>2</sup> /UTP PVC 500	F <sup>2</sup> TP Shotgun	Cat. 6	Polyvinylklorid - PVC	24
☎ N100.622	1067905	LANmark6 F1/UTP LSZH 1000	F/UTP	Cat. 6	LSZH	24
☎ N100.624	1067911	LANmark6 F1/UTP LSZH 500	F/UTP	Cat. 6	LSZH	24
☎ N100.627	1067910	LANmark6 F1/UTP PVC 1000	F/UTP	Cat. 6	Polyvinylklorid - PVC	24

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## LANmark-6 Cable

Nexans ref.	EI. nummer	Produktnavn	Kabeltype	Kategori	Ytre kappe	Leder dimensjon (AWG)
 N100.629	1067909	LANmark6 F1/UTP PVC 500	F/UTP	Cat. 6	Polyvinylklorid - PVC	24
 N100.601	1087775	LANmark6 F <sup>2</sup> /UTP LSZH 1000	F <sup>2</sup> TP	Cat. 6	LSZH	24
 N100.662	1087773	LANmark6 F <sup>2</sup> /UTP LSZH 500	F <sup>2</sup> TP	Cat. 6	LSZH	24
 N100.611	1087770	LANmark6 F <sup>2</sup> /UTP PVC 1000	F <sup>2</sup> TP	Cat. 6	Polyvinylklorid - PVC	24
 N100.661	1087771	LANmark6 F <sup>2</sup> /UTP PVC 500	F <sup>2</sup> TP	Cat. 6	Polyvinylklorid - PVC	24
 N100.631	1087786	LANmark6 SF/UTP LSZH 1000	SF/UTP	Cat. 6	LSZH	24
 N100.632	1087788	LANmark6 SF/UTP LSZH 500	SF/UTP	Cat. 6	LSZH	24
 N100.605	1087764	LANmark6 U/UTP LSZH 500	U/UTP	Cat. 6	LSZH	23
 N100.616	1087761	LANmark6 U/UTP PVC 1000	U/UTP	Cat. 6	Polyvinylklorid - PVC	23
 N100.617	1087760	LANmark6 U/UTP PVC 305	U/UTP	Cat. 6	Polyvinylklorid - PVC	23
 N100.608	1087763	LANmark6 U/UTP PVC 500	U/UTP	Cat. 6	Polyvinylklorid - PVC	23

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