

NEXANS DATA CENTER SOLUTIONS

BULK CABLE



Fiber Optic Cables

FIBER PART NUMBER CONFIGURATION: N19a.bbcccc-ef

N19a.bbcccc-ef	a: fiber type	4: SM 5: OM3 7: OM4 9: OM5
N19a.bbcccc-ef	bb: product family	AC: high density distribution DA: data center distribution D2: 2.4mm 2-fiber round D3: 2.9mm 2-fiber round IC: interconnect LT: dry loose tube MD: micro data center cable OP: gel-filled loose tube PD: premises distribution PI: premises distribution indoor/outdoor RD: ribbon S2: 2mm simplex Z2: 2mm zipcord
N19a.bbcccc-ef	c: amoring	A: corrugated steel tape K: aluminum interlock N: no armor
N19a.bbcccc-ef	dddd: strand count	
N19a.bbcccc-ef	e: jacket color	A: aqua E: erika violet K: black L: lime green Y: yellow
N19a.bbcccc-f	f: flame rating	N: no rating P: plenum R: riser Z: LSZH riser

Copper Cables

COPPER PART NUMBER CONFIGURATION: N18a.bbcdde

N18a.bbcdde	a: cable type	0: UTP 4: UTP Patch 5: FTP Patch
N18a.bbcdde	bb: Category	60: Cat 6 LANmark-6 61: Cat 6 LANmark-1000 68: Cat 6 28 AWG
N18a.bbcdde	c: flame rating	P: plenum R: riser M: general purpose
N18a.bbcdde	dd: jacket color	20: white 40: blue
N18a.bbcdde	e: packaging	B: box R: reel S: smartPAK 1500' box X: reel-box

Bulk Fiber Cable



DA: Data Center Distribution

Nexans' data center distribution cables with 1.9 mm micro buffer tubes are designed to be used in high density plenum rated environments. Data center distribution is rated for plenum installations and has no gel filler. Riser-rated versions are made with LSZH jackets. Strand counts from 8 to 288.



D3: 2.9mm 2-fiber Round

Nexans' Micro-Interconnect Tight Buffered Plenum fiber optic cable is designed for installation along plenums and in riser structured cabling applications. These are typically used for patch cable applications.



LT: Dry Loose Tube

Nexans' dry loose tube cable design utilizes a unique DryGel waterblocking system. DryGel technology utilizes super absorbent polymers to replace the messy gel filler inside the fiber tubes. Options are available with riser, plenum, and outside plant ratings. Armored versions are also available. Strand counts from 6 to 432.

Bulk Fiber Cable



OP: Gel-Filled Loose Tube

Nexans' Outside Plant Loose Tube fiber optic cables are designed for installation in harsh environments such as direct burial, aerial lashing, conduit and pathways that are subjected to wide temperature variations. The Outside Plant product incorporates a jacket surrounding the core and is offered with 2 - 288 fibers per cable. These cables are thoroughly tested and verified to Telcordia GR-20 and ICEA-640 for outside cabling systems. Corrugated armor versions are available.



PD: Premises Distribution

Nexans' riser or plenum rated Indoor/Outdoor Tight-Buffer cables are designed specifically for campus and building cabling infrastructure. These thermoplastic jacketed cables are suitable for Indoor/Outdoor installations, in-conduit, below the frost line. They are available with a aluminum interlocking armor for added physical protection. Strand counts from 6 to 144.



RD: Ribbon

Nexans' riser or plenum rated central tube optical fiber ribbon cable uses single-mode or multimode, 12 or 24 fiber ribbons, in a dry central tube, surrounded by dielectric strength members and an outer jacket. Strand counts from 12 to 432.

LANmark-6

LANmark-6+ System Featuring LANmark-1000



The Nexans LANmark-6+ system featuring LANmark-1000 cable, LANmark-6 Snap-In connectors and LANmark-6 Patch Cords offers significant Category 6 channel performance headroom and is ideal for supporting higher speed applications such as 2.5 Gbps Ethernet in addition to Gigabit and Fast Ethernet. The enhanced performance of LANmark-1000 cables also provides for increased bundle sizes when supporting High PoE power levels, including 60W and 100W.

- Increased bandwidth ideal for 2.5 Gbps Ethernet as well as Gigabit and Fast Ethernet
- Exceeds Category 6 channel performance requirements

LANmark-6 System Featuring LANmark-6



The Nexans LANmark-6 System is the ideal system for covering the basics. The LANmark-6 system includes LANmark-6 cable and connectivity that are manufactured and tested to industry standard Category 6 specifications with each component fully compliant to the TIA-568-C.2 requirements. LANmark-6 components are designed to meet or exceed the quality and performance criteria needed to support applications up to 250 MHz, including 1000BASE-T Gigabit Ethernet.

- Ideal solution for most common applications operating over Fast Ethernet or Gigabit Ethernet networks
- Matched components ensuring minimized signal loss and maximum throughput
- Meets standard channel performance requirements with margin for application performance reliability

Slimflex (28 AWG) U/UTP RJ45 Patch Cords



- Category 6 compliant
- 55% smaller and 56% lighter than standard CAT 6 patch cords
- Snagless plugs
- Variety of cable colors available
- CMR flame rating
- Easy routing within tight racks and cabinets
- Extremely flexible

LANmark-6

N Number	Description
N180.60R40B	LANmark-6, Cat 6, Riser, UTP, Blue, box
N180.60R20B	LANmark-6, Cat 6, Riser, UTP, White, box
N180.60P40B	LANmark-6, Cat 6, Plenum, UTP, Blue, box
N180.60P20B	LANmark-6, Cat 6, Plenum, UTP, White, box
N180.61R40B	LANmark-1000, Cat 6, Riser, UTP, Blue, box
N180.61R20B	LANmark-1000, Cat 6, Riser, UTP, White, box
N180.61P40B	LANmark-1000, Cat 6, Plenum, UTP, Blue, box
N180.61P20B	LANmark-1000, Cat 6, Plenum, UTP, White, box
N420.660-ECO24	LANmark-6 Snap-In Connector, grey, 24-pack
NBS6.P3Axxx.xBZT	Slimflex-6 U/UTP Patch Cord, Blue CMR, xxx.x feet
NBS6.P3Axxx.xWZT	Slimflex-6 U/UTP Patch Cord, White CMR, xxx.x feet
NB16.P9Axxx.xBZT	Category 6 U/UTP Patch Cord, Blue CM, xxx.x feet
NB16.P9Axxx.xWZT	Category 6 U/UTP Patch Cord, White CM, xxx.x feet
N420.567	Universal Comfort Tool
N420.110	Cable Stripper 25x

