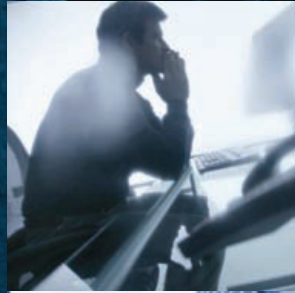


LANmark™ FTP CABLES



INDEPENDENTLY VERIFIED CATEGORY 6,
AND CATEGORY 5e FOIL TWISTED
PAIR NETWORK CABLING SOLUTIONS

LANmark™ FTP: Real-world assurance for high-performance applications.

LANmark-6 FTP fully supports the IEEE 802.3an 10GBASE-T standard.

LANmark-6 FTP is smaller than 10G UTP cables with an outside diameter of only 0.285".



Virtually eliminates alien crosstalk.

Perfect for high security installations where EMI and RFI issues are a concern.

Available in a wide variety of jacket colors.*

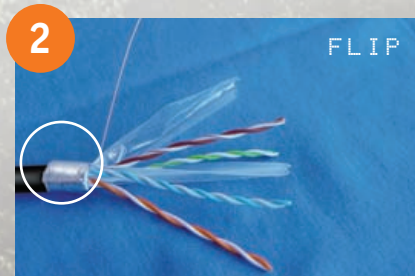


*Other Jacket colors are available upon request. Please contact a Berk-Tek® representative at 1-800-BERK-TEK for more details.

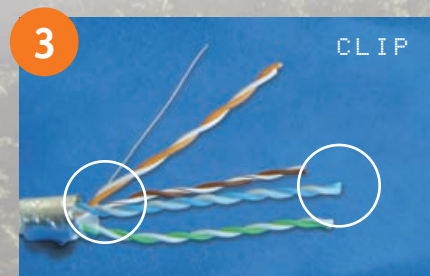
FTP CABLE PREPARATION



Strip back jacket a few inches, being careful to not cut the foil.



Trim foil shield to 1/2" and fold back over jacket to expose the conductive surface.



Trim acetate wrap (and center spline on Cat. 6) back to end of jacket. Isolate drain wire. Follow manufacturers' directions for connector termination.

PERFORMANCE THAT COUNTS

Berk-Tek's LANmark-6 FTP cable is the first independently verified Cat. 6 FTP cable. Our LANmark-5e FTP cables are also ETL tested to their performance characteristics.

Why is independent verification so important? Because it provides real-world verification and third-party assurance that the cable's stated performance capability is factual and accurate.

All Berk-Tek UTP and FTP cable products are ETL tested—because we know that innovation is nothing without quality.



The Berk-Tek LANmark series includes ETL tested FTP (Foil Twisted Pair) network cables for Category 6 and Category 5e. Our product line also includes the full range of high-performance UTP cables spanning Category 5e, Category 6, Enhanced Category 6, and Augmented Category 6, as well as optical fiber cables, for every application.

OUTSTANDING PERFORMANCE TO SUPPORT HIGH-SPEED DATA SYSTEMS.

For those applications that require the elimination of alien crosstalk, an additional layer of security, or when installing in areas with high levels of EMI or RFI, LANmark™ FTP cables are the smart choice. The overall polyester/aluminum foil shielding provides outstanding signal isolation, reducing signal interference problems and improving network efficiency.

Whether you require the performance of Category 6 or Category 5e cabling, Berk-Tek LANmark FTP cables provide guaranteed electrical performance and reduced signal retransmission to improve network efficiency. You also receive the legendary Berk-Tek “installer-friendly” quality on every reel.

LANmark-6 FTP:

- ▶ Complies with IEEE 802.3an 10GBASE-T
- ▶ Verified to ANSI/TIA/EIA-568-B.2
- ▶ Ideal for high-end transmission links
- ▶ Supports today’s most sophisticated networking protocols
 - Full support for IEEE 802.3an 10GBASE-T
 - 1000BASE-TX
 - 100BASE-T
 - 10BASE-T

PHYSICAL SPECIFICATIONS

TECHNICAL DATA

		CAT 6 FTP		CAT 5e FTP	
C M P	Conductor diameter-in. (mm)	.022	(0.57)	.021	(0.55)
	Cable diameter-in. (mm)	.285	(7.24)	.224	(5.69)
	Nominal cable weight-lb./kft. (kg/km)	41.7	(61.5)	29.0	(43.5)
	Max. installation tension-lb. (N)	25	(110)	25	(110)
	Min. bend radius-in. (mm)	2.28	(57.9)	1.8	(45.5)
T E M P R A T I N G	Velocity of Propagation	72% nominal plenum			
	Installation	0 °C to +50 °C			
	Operation	-10 °C to +60 °C			

PART NUMBERS

PRODUCT	NO. PAIRS	PART NUMBER	JACKET	FLAME RATING	JACKET COLOR
CAT 6 FTP	4	10091131	FRPVC	CMP	Blue
CAT 6 FTP	4	10057903	FRPVC	CMP	Gray
CAT 6 FTP	4	10062608	FRPVC	CMP	Yellow
CAT 6 FTP	4	10081255	FRPVC	CMP	White
CAT 6 FTP	4	10122951	FRPVC	CMR	Blue
CAT 6 FTP	4	10070439	FRPVC	CMR	Gray
CAT 6 FTP	4	10090687	FRPVC	CMR	Yellow
CAT 6 FTP	4	10122953	FRPVC	CMR	White
CAT 6 FTP	4	10123967	FRPVC	CM Patch	Blue
CAT 6 FTP	4	10078965	FRPVC	CM Patch	Gray
CAT 6 FTP	4	10123965	FRPVC	CM Patch	Yellow
CAT 6 FTP	4	10123966	FRPVC	CM Patch	White
CAT 5e FTP	4	10034841	FRPVC	CMP	Blue
CAT 5e FTP	4	10032121	FRPVC	CMP	Gray
CAT 5e FTP	4	10053567	FRPVC	CMP	Yellow
CAT 5e FTP	4	10047419	FRPVC	CMP	White
CAT 5e FTP	4	10051227	FRPVC	CMR	Blue
CAT 5e FTP	4	10043494	FRPVC	CMR	Gray
CAT 5e FTP	4	10072799	FRPVC	CMR	Yellow
CAT 5e FTP	4	10047420	FRPVC	CMR	White
CAT 5e FTP	4	10123970	FRPVC	CM Patch	Blue
CAT 5e FTP	4	10035109	FRPVC	CM Patch	Gray
CAT 5e FTP	4	10063062	FRPVC	CM Patch	Yellow
CAT 5e FTP	4	10123969	FRPVC	CM Patch	White

LANmark-5e FTP:

- ▶ Guaranteed Category 5e performance
- ▶ Ideal for installations and applications up to 100 MHz
 - 1000BASE-TX
 - 100BASE-T
 - 10BASE-T

BENEFITS

- ▶ Verified performance, independently tested
- ▶ Virtually eliminates alien crosstalk to support 10GBASE-T
- ▶ Reduces/Eliminates EMI/RFI emission and intrusion
- ▶ Lower bit errors and signal retransmission resulting in increased network performance
- ▶ Installer-friendly design means lower installation and maintenance costs with familiar RJ-45 style FTP connectivity
- ▶ Qualifies for an OASIS system warranty
- ▶ LANmark-6 FTP is included in the NetClear GTS Warranty program

Note: Standard Lengths 1,000 feet (305 meters). Specifications subject to change without notice. Cat. 5e FTP patch cables utilize 26 AWG stranded tinned conductors.



Berk-Tek[®]
A NEXANS COMPANY

Corporate Headquarters

132 White Oak Road
New Holland, PA 17557
USA

TEL: 717-354-6200

TEL: 800-237-5835

FAX: 717-354-7944

www.berktek.com

In Canada Please Contact:

Nexans Canada Inc.

140 Allstate Parkway

Markham, Ontario

L3R 0Z7 Canada

TEL: 905-944-4300

TEL: 800-237-5835

FAX: 905-944-4390

www.berktek.com