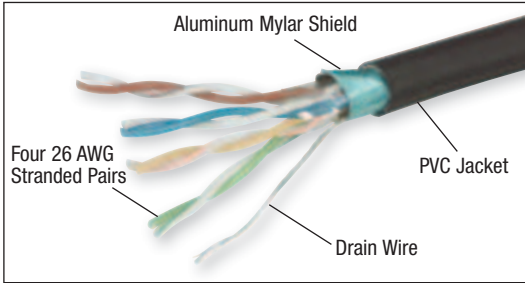
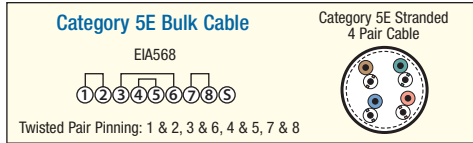


Shielded (FTP) 5E to 100 MHz Bulk Cable - Help Suppress Noise in Networks - 2 and 4 Pair

Screened (shielded) twisted pair is ideal for use in environments where EMI/RFI is a concern. A foil wrap with a drain wire protects signals from external noise. Available in stranded 26 AWG conductor with PVC and Low Smoke Zero Halogen jackets. Double shielded (foil + braid) 24 AWG solid is now available for use where extra noise protection is required. Plenum version is 24 AWG solid conductor. Sold in 1000' (304.8m) spools.



Item #	Description	Reel	Color	1-9	10-24	25-99	100-249
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FREQUENCY	NEAR END CROSS TALK (NEXT)	ATTENUATION	CAPACITANCE	IMPEDANCE
4 MHz	53 db min.	13 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
10 MHz	47 db min.	20 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
20 MHz	42 db min.	28 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms
100 MHz	32 db min.	67 db/330 ft max.	14 pF/ft Max	100 Ohms ± 15 Ohms

This table refers to the electrical specifications of TFC2648, other Screened Category 5E cabling is similar. TFC2002, TFC2004, TFC2006, TFDL2004, TFCLS2004 and TFCHF2004 cables are 26 AWG.

RoHS Category 5E PVC Bulk Cable with Foil Shield

TFC2002	Category 5E Shielded, 2-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Beige	229.00	224.42	219.84	215.26
TFC2004	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Lt. Gray	259.00	253.82	248.64	243.46
TFC2006	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Red	259.00	253.82	248.64	243.46
TFC2900	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Black	259.00	253.82	248.64	243.46
TFC2901	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Brown	259.00	253.82	248.64	243.46
TFC2903	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Orange	259.00	253.82	248.64	243.46
TFC2904	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Yellow	259.00	253.82	248.64	243.46
TFC2905	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Green	259.00	253.82	248.64	243.46
TFC2906	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Blue	259.00	253.82	248.64	243.46
TFC2907	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Violet	259.00	253.82	248.64	243.46
TFC2908	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	Gray	259.00	253.82	248.64	243.46
TFC2909	Category 5E Shielded, 4-pr. Stranded PVC 26 AWG	1,000ft (304.8m) Reel	White	259.00	253.82	248.64	243.46

RoHS Category 5E Plenum Bulk Cable with Foil Shield

TFPC2648	Category 5E, 4-pr. Solid Plenum	1,000ft (304.8m) Reel	Blue	499.00	489.02	479.04	469.06
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RoHS Category 5E PVC Bulk Cable with Foil + Braid Shielding

TFSC2004	Category 5E Shielded, 4-pr. Solid PVC 24 AWG	1,000ft (304.8m) Reel	Ivory	399.00	391.02	383.04	375.06
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RoHS Category 5E Low Smoke Zero Halogen Bulk Cable with Foil Shield

TFCLS2004	Category 5E Shielded, 4-pr. Stranded LSZH	1,000ft (304.8m) Reel	Black	479.00	469.42	459.84	450.26
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RoHS Category 5E Low Smoke Zero Halogen Bulk Cable with Foil + Braid Shielding

TFDL2004	Category 5E Shielded, 4-pr. Stranded LSZH 26 AWG	1,000ft (304.8m) Reel	Lt. Gray	499.00	479.04	459.08	439.12
TFDL2104	Category 5E Shielded, 4-pr. Solid LSZH 24 AWG	1,000ft (304.8m) Reel	Lt. Gray	399.00	383.04	367.08	351.12

RoHS Category 5E PUR Double Shielded Industrial Ethernet Bulk Cable

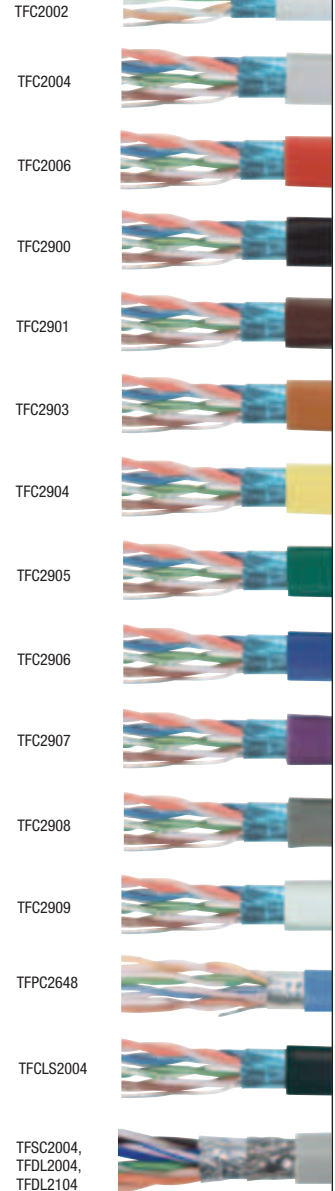
TFCPUR5730	Cat 5E, Double Shielded, PUR 4-pr. Stranded, 26 AWG	1,000ft (304.8m) Reel	Black	949.00	CALL	CALL	CALL
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RoHS Category 5E Shielded Continuous Hi-Flex Oil Resistant Industrial Ethernet Bulk Cable

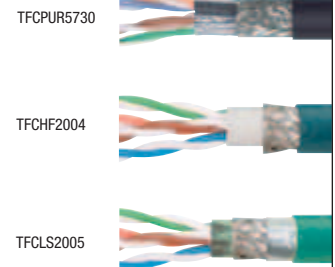
Designed for environments where ordinary cables fail, this exclusive ultra flexible Category 5E shielded bulk cable from L-com is built to take a beating. With a Halogen-Free PUR jacket, these Hi-Flex cables will not breakdown when exposed to oil based lubricants making it ideal for robotic control systems on the factory floor. TFCHF2004 is tested to 2.5 million flex cycles (12.5 X cable O.D. min. radius). TFCLS2005 is tested to 10 Million flex cycles (20 X cable O.D. min radius).

TFCHF2004	Cat 5E Shielded, 4-pr. Stranded Hi-Flex, 26 AWG	1,000ft (304.8m) Reel	Teal	2995.00	2935.10	2875.20	2815.30
TFCLS2005	Cat 5E Shielded, 4-pr. Stranded Extreme Hi-Flex, 26 AWG	1,000ft (304.8m) Reel	Teal	1449.00	1420.02	1391.04	1362.06

Screened Category 5E



Industrial Category 5E



Understanding cable flammability ratings



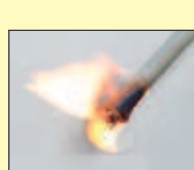
Plenum (CMP) Rated Cable
Complies with NFPA-262 and UL-910. It is the only cable allowed in spaces defined as air plenums such as raised flooring systems and air handling ducts. Plenum cables must self extinguish and not re-ignite.



Low Smoke Zero Halogen (LSZH) Rated Cable
Used in shipboard applications and computer networking rooms where toxic or acidic smoke and fumes can injure people and/or equipment. Examples of Halogens include Fluorine, Chlorine, Bromine and Iodine. These materials when burned produce acidic smoke that can cause harm. These cables will self extinguish.



Riser (CMR) Rated Cable
Complies with UL-1666. Defined for usage in vertical tray applications such as cable runs between floors through cable risers or in elevator shafts. These cables must self extinguish.



General Purpose (CM, CMG, CMx) Cable
Complies with UL-1581 testing. They will burn and partially self extinguish. Not for use between building floors or in air plenum spaces. Often these cables are used for workstation cables and patch cords.



What is the difference in flammability ratings?

See the free video tip and more at L-com.com/Videos/A20

