

LANmark-XTP™

Comparing cable tray capacity

Berk-Tek®
A NEXANS COMPANY

THE FUTURE OF 10G PERFORMANCE HAS ARRIVED

It's not every day that you get to design and build a high-performing network for the next generation. But when you do, you need a cable that's built to last. LANmark-XTP is just that and is specifically designed for those interested in exceptional performance to support applications today and tomorrow.

SMALLER CABLE = HUGE SAVINGS

The LANmark-XTP cable provides a reduced diameter of 0.275". This is a reduction in cable size of almost 10% compared to standard CAT 6A UTP designs. This reduction in size provides improved cable density and pathway space savings. The smaller size allows more cables to be installed in existing or new pathways when compared to other CAT 6A UTP cable, saving on installation costs for larger or additional pathways to accommodate the same number of cables.

The smaller size of the LANmark-XTP cable improves operational airflow and cooling with less surface area restriction in the installed environment. This saves on energy costs in high-density installations.

The smaller size also provides an improved cable bend radius for better flexibility and handling during cable routing and installation. This improvement allows quicker and more efficient installs compared to the standard CAT 6A, reducing installation costs.

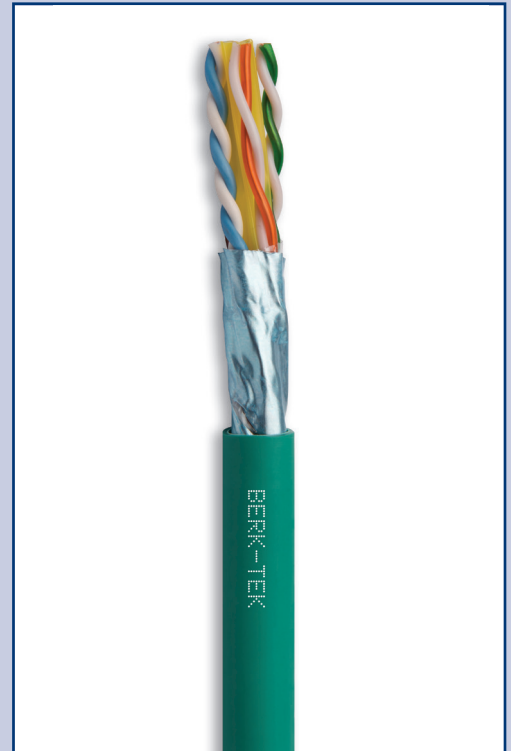
CONDUIT FILL RATIO COMPARISON

		EMT Conduit Capacity @ 40% Fill Ratio Conduit Size (inches)							
Product	Cable OD (in)	0.75	1.00	1.25	1.50	2.00	2.50	3.00	3.50
LANmark-XTP	0.275	3	5	10	13	22	39	59	77
Standard CAT 6A	0.300	N/A	4	8	11	18	33	50	65

TRAY FILL RATIO COMPARISON

		Tray Capacity @ 50% Fill Ratio Tray Size (inches)							
Product	Cable OD (in)	4x2	8x2	12x2	6x4	12x4	18x4	18x6	20x6
LANmark-XTP	0.275	67	135	203	203	406	610	915	1016
Standard CAT 6A	0.300	56	112	169	169	338	507	760	845

MORE FEATURES FOR A MORE RELIABLE NETWORK



The LANmark-XTP cable features an innovative noise cancelling tape that provides a 4 dB improvement in alien crosstalk performance margins when compared to a standard CAT 6A UTP cable. This improvement in alien crosstalk performance provides a reduction in frame error rates, fewer retransmissions, improved noise immunity and a more reliable network.

Additionally, the innovative noise cancelling tape technology provides the improved alien crosstalk performance without the requirements for bonding or grounding associated with F/UTP designs, meaning that this cable installs as rapidly and easily as other UTP cables.