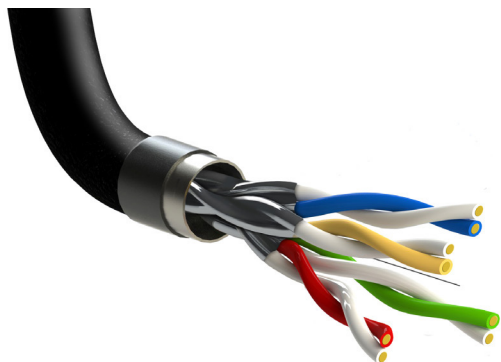


# CX Series

TOTALWIRE™ CAT-X High Performance Cable



The TOTALWIRE™ **CX Series** with End-to-End Shield is a certified F/UTP cable built for performance and reliability, providing support for 10 Gigabit data transmission.

The **CX Series** offers a “set and forget” cabling system that effectively delivers ruggedness, reliability, compliance, and peace of mind to many data-sensitive applications such as government, gaming, medical, and financial installations.

## Key Features

- Shielded connector and 4 shielded twisted pairs (U/FTP)
- Optimized for HDBaseT installations
- Available in pre-terminated lengths up to 330 ft. (100m) or bulk reels of 1000 ft.
- Lifetime warranty

## General Technical Specifications

<b>CATEGORY</b>	CAT6A U/FTP LSZH
<b>TEST STANDARD</b>	ISO/IEC11801, TIA-568-c.2, YD/T1019

## Conductor

<b>MATERIAL</b>	Solid-Bare Cooper
<b>NOM.O.D (mm)</b>	0.570 ± 0.005 mm

## Insulation

<b>MATERIAL</b>	Skin-foam-skin PE
<b>DIAMETER</b>	1.350 ± 0.05 mm
<b>SCREENING MATERIAL</b>	Aluminum Foil
<b>DRAIN WIRE</b>	TC 0.45 mm

## Available Lengths

<b>CX-010</b>	10m (32.8 ft.)
<b>CX-020</b>	20m (65.6 ft.)
<b>CX-030</b>	30m (98.4 ft.)
<b>CX-040</b>	40m (131.2 ft.)
<b>CX-050</b>	50m (164 ft.)
<b>CX-070</b>	70m (230 ft.)
<b>CX-100</b>	100m (330 ft.)
<b>CX-1000</b>	1000m (3300 ft.)

## Sheath

<b>THICKNESS</b>	0.55 ± 0.05 mm
<b>EXTERNAL O.D</b>	7.6 ± 0.5 mm
<b>SURFACE</b>	Clean
<b>MATERIAL</b>	LSZH
<b>CORE COLOR</b>	1 white/blue, 2 white/orange, 3 white/green, 4 white/brown

## Sheath Physical Properties

<b>BEFORE AGING</b>	Tensile Strength (Mpa) ≥10 Elongation (%) ≥125
<b>AGING PERIOD (°C x hrs)</b>	100°C x 24h x 7d
<b>AFTER AGING</b>	Tensile Strength (Mpa) ≥8.0 Elongation (%) ≥100