



## Copper Cable, Cat 6A, 23 AWG, F/UTP, Outdoor, BL

PFO6X04BL-CEG

The TX6A™ Cat 6A shielded copper cable is a F/UTP Outside Plant (OSP) cable. The cable has a gel-filled construction to prevent moisture migration in underground and wet applications and a wide temperature range for extreme weather environments. The copper conductors are twisted in pairs, separated by a pair separator, covered with an overall foil shield and a UV-resistant and abrasion-resistant polyethylene (PE) jacket. This product is to be used in duct and conduit installations only.

### Specifications

Note	Available in North America
Environment	Outdoor
Performance Level	Category 6A
Cable Construction	F/UTP
Flammability Rating	Outside Plant
Resistance Properties	UV-Resistant
Jacket Material	High-Density Polyethylene
Nominal Cable Outside Diameter (In.)	0.32
Nominal Cable Outside Diameter (mm)	8.2
Maximum Operating Temperature (°C)	80
Maximum Operating Temperature (°F)	176
Minimum Operating Temperature (°C)	-40
Minimum Operating Temperature (°F)	-40
Maximum Installation Temperature (°C)	50
Maximum Installation Temperature (°F)	122
Minimum Installation Temperature (°C)	0
Minimum Installation Temperature (°F)	32
Sub Brand	Pan-Net®
Maximum Installation Tension (N)	110
Maximum Installation Tension (lb)	25
Bend Radius (In.)	1.28
Bend Radius (mm)	65.6
Number of Pairs	4
Conductor Material	Copper
Conductor Type	Solid

## Specifications (continued)

Overall Length (ft.)	1000
Overall Length (m)	305
Conductor Gauge (AWG)	23
Conductor Gauge (mm)	0.57
Insulation Material	High-Density Polyethylene
Insulation Diameter (In.)	0.04
Insulation Diameter (mm)	1.1
Maximum Voltage (V)	80
Standards Met	Exceeds ISO 11801 Class Ea and ANSI/TIA568-C.2 Category 6A standards ; Standards compliance: ISO 11801 Class Ea, IEC 61156-5 Category 6A, ANSI/TIA-568-C.2 Category 6A, IEC 60794-1-2F5 Method B Water Penetration Requirement Poe Compliance: Meets IEEE 802.3af, IEEE 802.3at, and IEEE 802.3bt for PoE applications ; RoHS Compliant
Color	Black
Packaging Type	Reel
Product Type	Copper Cable
EuroClass Flame Rating	Fca

## Packaging Detail

UPC	61305631949
Std. Pkg. Qty.	1
Std. Pkg. Volume (cf)	3.3922
Std. Ctn. Qty.	6
Std. Ctn. Volume (cf)	20.3532