



# GORE™ CX4

## ASSEMBLIES

## Summary

GORE™ CX4 High Performance Cable Assemblies, part of the 10Gigabit Ethernet standard, provide superior signal fidelity over long distances using the smallest, most flexible cable. The assemblies are engineered to be compliant with the IEEE Draft P802.3ak(D5.3 specification).

Gore's superior performance allows for specification compliance beyond the spec-targeted 15-meter maximum assembly length. The assemblies are available in lengths up to 50 meters for non-standard or proprietary applications. All assemblies use Gore manufactured cable that meets the specifications put forth in the SFF-8470 document

### GORE™ CABLE

GORE™ CX4 High Performance Cable Assemblies incorporate semi-automated manufacturing, innovative cable and connector designs, and unique materials to provide interconnects ideally suited for CX4 applications. GORE™ CX4 High Performance Cable Assemblies use expanded PTFE dielectric to deliver exceptional signal fidelity over long distances in the smallest cross-sectional area.

### LENGTH PERFORMANCE FOR VARIOUS CONDUCTOR AWG SIZES

Conductor AWG Size	Maximum Length* (Meters)
24	20
26	15
28	11
30	8

\*Length is based on the IEEE Draft P802.3ak/D5.3 insertion loss requirement.



**“We go to great lengths.”** The GORE™ CX4 High Performance Cable Assemblies are available up to 50 meters for non-standard or proprietary applications.

### FEATURES AND BENEFITS

- Meets all IEEE Draft P802.3ak/D5.3 specification requirements
- Ultra-low loss (ePTFE dielectric material  $\epsilon_r = 1.3$ )
- Plug compatibility with any SFF-8470 latch-style receptacle
- Ergonomic Two-Position (Locked/Unlocked) Latching
- Available in lightweight option for increased bend radius and reduced weight/volume

## W. L. Gore & Associates, Inc.

**North America**  
1 (800) 445-GORE (4673)

**Europe**  
+49 9144 6010  
+44 1382 561511

**International**  
1 (302) 292-5100

**China: Beijing**  
+86 10 6510 2980

**China: Shanghai**  
+86 21 6247 1999

**China: Shenzhen**  
+86 755 8359 8262

**gore.com**

More international phone numbers can be found at [gore.com/phone](http://gore.com/phone)

**Japan**  
+81 33 570 8712

**Korea**  
+82 2 393-3411

**Taiwan**  
+886 2 8771 7799

**Singapore**  
+65 6 733 2882

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