

## Cable for 4800 Rescue Assistance Systems CB-4803



CB-4803



**Description:** Cornell's SmartWire™ Cable is one of the select cables available for wiring the Cornell 4800 Rescue Assistance System.

Agencies Approvals  
ETL Type CMR, C(ETL) CMG

### Technical Information:

Description: 23 AWG Category 6 Unshielded Twisted Pair (UTP) Cable for Data Transmission up to 550MHz. This Cable is Non-Plenum Rated and Verified to Category 6 Electricals.

Conductor Description: 23 AWG Solid Bare Copper

Insulation: PE

Color Code: Pair 1: White-Blue/Blue, Pair 2: White-Orange/Orange, Pair 3: White-Green/Green, Pair 4: White-Brown/Brown

Shield: N/A

Drain Wire: N/A

Jacket: FR-PVC, OD: .220" Nom.

Jacket Color: Blue Jacket

Marking: A B C D E 0 1 2 3 4 5 6 7 8 9 4/23 VERIFIED (ETL) CAT 6 C(ETL) US CMR CMG 9700851

Overall Diameter: .220" Nom.

Cable Weight: 28 Lbs/Mft.

Capacitance: 4.6 nF/100m Nominal

DC Resistance: 6.66 Ohms/100m Max/ 2.5% Max

Temperature and Voltage Rating: +60C / 300 Volt

Length: 1,000 ft. +/-5%

Made in the USA, 775609

## Cable, Plenum for 4800 Rescue Assistance Systems CB-4803P



CB-4803P



**Description:** Cornell's SmartWire™ Cable is one of the select cables available for wiring the Cornell 4800 Rescue Assistance System.

Agencies Approvals

ETL Type CMP, C(ETL) US

Flame Rating: Approved For Plenum Use Without Conduit Per NFPA 262 Flame Test

### Technical Information:

Description: 23 AWG Category 6 Unshielded Twisted Pair (UTP) Cable, Swept Tested to 550MHz. This Cable is Plenum Rated and Verified to Category 6 Electricals

Conductor Description: 23 AWG Solid Bare Copper

Insulation: FEP

Color Code: Pair 1: White-Blue/Blue, Pair 2: White-Orange/Orange, Pair 3: White-Green/Green, Pair 4: White-Brown/Brown

Shield: N/A

Drain Wire: N/A

Jacket: Low-Smoke PVC .208" Nom.

Jacket Color: Blue Jacket

Marking: A B C D E 0 1 2 3 4 5 6 7 8 9 UTP 4/23 C(ETL)US CMP VERIFIED (ETL) CAT6 9700851 550 MHZ TIA-568-C.2

Overall Diameter: .215" Nom.

Cable Weight: 28 Lbs/Mft.

Capacitance: 5.6 nF/100 Meters @ 1KHz

Impedance: 100 +/- 15 Ohms (1.0 – 250 MHz)

DC Resistance: 9.38 Ohms/100 Meters @ 20C

Temperature and Voltage Rating: +75C / 300 Volt

Length: 1,000 ft. +/-5%

Made in the USA, 556609

