

# 770016003 | E20677CMRXP PLUS -1LTG9W

E20® Coaxial/Fiber Hybrid Cable, Series 6 Coax, 77% braid XP PLUS, with 1 Loose Tube 900 GF tight buffer Fiber



**OBSOLETE**

## Product Classification

|                       |                              |
|-----------------------|------------------------------|
| <b>Product Type</b>   | Hybrid cable, coax and fiber |
| <b>Product Brand</b>  | XPRESSPREP®                  |
| <b>Product Series</b> | 6 Series                     |
| <b>Warranty</b>       | One year                     |

## Dimensions

|                                      |                     |
|--------------------------------------|---------------------|
| <b>Diameter Over Jacket, nominal</b> | 7.061 mm   0.278 in |
|--------------------------------------|---------------------|

## Electrical Specifications

|  |   |
|--|---|
| <b>Characteristic Impedance</b>        | 75 ohm  |
| <b>Structural Return Loss, Grade A</b> | ≥15 dB @ 1801–3000 MHz   ≥20 dB @ 5–1800 MHz                          |
| <b>Structural Return Loss, Grade C</b> | ≥15 dB @ 1801–3000 MHz   ≥20 dB @ 1002–1800 MHz   ≥23 dB @ 5–1002 MHz |
| <b>Structural Return Loss, Grade G</b> | ≥15 dB @ 1801–3000 MHz   ≥20 dB @ 1002–1800 MHz   ≥26 dB @ 5–1002 MHz |

## Attenuation

| Frequency (MHz) | Attenuation (dB/100 m) | Attenuation (dB/100 ft) |
|-----------------|------------------------|-------------------------|
| 5.0             | 1.9                    | 0.58                    |
| 55.0            | 5.25                   | 1.6                     |
| 83.0            | 6.4                    | 1.95                    |
| 85.0            | 6.46                   | 1.97                    |
| 187.0           | 9.35                   | 2.85                    |
| 204.0           | 9.84                   | 3                       |

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|        |       |       |
|--------|-------|-------|
| 211.0  | 10    | 3.05  |
| 250.0  | 10.82 | 3.3   |
| 300.0  | 11.64 | 3.55  |
| 350.0  | 12.63 | 3.85  |
| 400.0  | 13.61 | 4.15  |
| 450.0  | 14.43 | 4.4   |
| 500.0  | 15.29 | 4.66  |
| 550.0  | 16.08 | 4.9   |
| 600.0  | 16.73 | 5.1   |
| 750.0  | 18.54 | 5.65  |
| 865.0  | 20.01 | 6.1   |
| 1000.0 | 21.49 | 6.55  |
| 1218.0 | 23.66 | 7.21  |
| 1250.0 | 24.21 | 7.38  |
| 1300.0 | 24.71 | 7.53  |
| 1400.0 | 25.71 | 7.84  |
| 1500.0 | 26.68 | 8.13  |
| 1600.0 | 27.63 | 8.42  |
| 1700.0 | 28.54 | 8.7   |
| 1794.0 | 29.39 | 8.96  |
| 1800.0 | 29.44 | 8.97  |
| 2000.0 | 31.17 | 9.5   |
| 2200.0 | 32.83 | 10.01 |
| 2500.0 | 35.2  | 10.73 |
| 2800.0 | 37.46 | 11.42 |
| 3000.0 | 38.91 | 11.86 |

## Mechanical Specifications

**Pulling Tension, maximum** 91.172 kg | 201 lb

## Environmental Specifications

**Environmental Space** Indoor

**Flame Test Listing** CMR | NEC Article 800

## Packaging and Weights

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**Weight, gross**

64.884 kg/km | 43.6 lb/kft

## Regulatory Compliance/Certifications

**Agency**

**Classification**

ISO 9001:2015

Designed, manufactured and/or distributed under this quality management system



## Included Products

813004406 – 2.0mm Gel-Filled PBT Buffer Tube with a 900um Tight-Buffered Fiber  
A-001-20T-8G-DRP-GEL-NT-TB