

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

Product Type	Hybrid cable, coax and fiber
Product Brand	XPRESSPREP®
Product Series	6 Series
Warranty	One year

Dimensions

Diameter Over Jacket, nominal	7.061 mm 0.278 in
--------------------------------------	---------------------

Electrical Specifications

Characteristic Impedance	75 ohm
Structural Return Loss, Grade A	≥15 dB @ 1801–3000 MHz ≥20 dB @ 5–1800 MHz
Structural Return Loss, Grade C	≥15 dB @ 1801–3000 MHz ≥20 dB @ 1002–1800 MHz ≥23 dB @ 5–1002 MHz
Structural Return Loss, Grade G	≥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

770016003 | E20677CMRXP PLUS -1LTG9W

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

770016003 | E20677CMRXP PLUS -1LTG9W

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

2.0mm Gel-Filled PBT Buffer Tube with a 900um Tight-Buffered Fiber



Product Classification

Regional Availability	Asia Australia/New Zealand EMEA Latin America North America
Portfolio	CommScope®
Product Type	Fiber indoor/outdoor cable
Product Series	A-20T

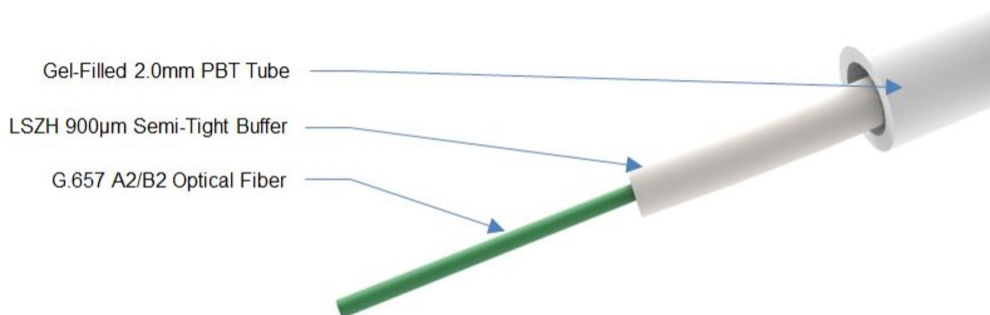
General Specifications

Fiber Type, quantity	1
Jacket Color	White
Jacket Marking	Feet
Subunit Type	Gel-filled
Total Fiber Count	1

Dimensions

Height Over Jacket	2 mm 0.079 in
---------------------------	-----------------

Representative Image



Mechanical Specifications

Minimum Bend Radius, loaded 50 mm | 1.969 in

Minimum Bend Radius, unloaded 30 mm | 1.181 in

Optical Specifications

Fiber Type G.657.A2/B2 | G.657.A2/B2

Environmental Specifications

Jacket UV Resistance Non UV stabilized

Water Penetration 24 h

Water Penetration Test Method FOTP-82 | IEC 60794-1 F5

Environmental Test Specifications

Drip 80 °C | 176 °F

Drip Test Method FOTP-81

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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

