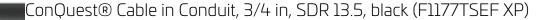
075B135F1177TSEF XP COEX X3120101



*Product complies with the Build America, Buy America Act (BABAA) requirements of the Infrastructure Investment and Jobs Act of 2021 (Pub. L. 117-58, §§ 70901-70953), or is the subject of a waiver approved by the Secretary of Commerce or designee. Compliance requirements and waiver applicability vary based on government funding program. Check the laws and regulations for your specific program.

Product Classification

Regional Availability North America

Product Type Coaxial cable-in-conduit

Product Brand ConQuest® **Product Series** 11 Series

Government Requirements Build America Buy America (BABA) compliant*

General Specifications

Cable Type Series 11

Cable-In-Conduit Type Drop in duct

Black Color

Conduit Type Non-toneable

Location of Manufacturing Catawba, North Carolina

Wall Type Smooth

Dimensions

304.8 m | 1000 ft Length

Wall Thickness Designation SDR 13.5 **Nominal Size** 3/4 in

Packaging and Weights

Weight, net 233.642 kg/km | 157 lb/kft

Included Products

XPRESSPREP® Coaxial Drop Cable, 75 Ohm, Series 11, black PE jacket, flooded for 4846203 F1177TSEF XP

underground

COMMSCOPE®

XPRESSPREP® Coaxial Drop Cable, 75 Ohm, Series 11, black PE jacket, flooded for underground



Product Classification

 Product Type
 Coaxial drop cable

 Product Brand
 XPRESSPREP®

Product Series 11 Series
Warranty One year

General Specifications

Cable TypeSeries 11Center Conductor TypeSolidJacket ColorBlackJacket MarkingFeet

Performance Note Attenuation listed represents maximum values at standard condition of 20 °C

(68 °F)

Shield Construction Type Trishield

Dimensions

Diameter Over Center Conductor, nominal1.626 mm | 0.064 inDiameter Over Dielectric, nominal7.112 mm | 0.28 inDiameter Over Inner Shield (Tape), nominal7.29 mm | 0.287 inDiameter Over Jacket, nominal10.16 mm | 0.4 inJacket Thickness, nominal0.991 mm | 0.039 in

Center Conductor Gauge 14 AWG
Inner Shield (Braid) Gauge 34 AWG

Electrical Specifications

Capacitance 53.15 pF/m | 16.2 pF/ft

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Characteristic Impedance75 ohmCharacteristic Impedance Tolerance±3 ohm

dc Resistance Note

Nominal values based on a standard condition of 20 °C (68 °F)

dc Resistance, Inner Conductor, nominal41.011 ohms/km | 12.5 ohms/kftdc Resistance, Loop, nominal55.118 ohms/km | 16.8 ohms/kftdc Resistance, Outer Conductor, nominal14.108 ohms/km | 4.3 ohms/kft

Nominal Velocity of Propagation (NVP) 85 %

Operating Frequency Band 5–3000 MHz

Structural Return Loss, Grade A ≥15 dB @ 1801−3000 MHz | ≥20 dB @ 5−1800 MHz

Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5.0	1.25	0.38
55.0	3.15	0.96
83.0	3.87	1.18
85.0	3.9	1.19
187.0	5.74	1.75
204.0	6.14	1.87
211.0	6.23	1.9
250.0	6.72	2.05
300.0	7.38	2.25
350.0	7.94	2.42
400.0	8.53	2.6
450.0	9.02	2.75
500.0	9.51	2.9
550.0	9.97	3.04
600.0	10.43	3.18
750.0	11.97	3.65
865.0	13.05	3.98
1000.0	14.27	4.35
1218.0	16.14	4.92
1300.0	16.44	5.01
1400.0	17.13	5.22
1500.0	17.79	5.42
1600.0	18.44	5.62

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1700.0	19.08	5.81
1794.0	19.66	5.99
1800.0	19.7	6
2000.0	20.89	6.37
2200.0	22.05	6.72
2500.0	23.7	7.22
2800.0	25.28	7.71
3000.0	26.3	8.02

Material Specifications

Center Conductor Material Copper-clad steel

Dielectric Material Foam PE

Jacket Material PE

Inner Shield (Braid) Coverage 77 %

Inner Shield (Braid) Material Aluminum

Inner Shield (Tape) MaterialAluminum/Polymer/Aluminum (APA) bondedOuter Shield (Tape) MaterialAluminum/Polymer/Aluminum (APA) bonded

Environmental Specifications

Corrosion Protection Migraheal®

Environmental Space Buried

Packaging and Weights

Packaging Type Reel

Weight, gross 77.385 kg/km | 52 lb/kft

Regulatory Compliance/Certifications

Agency	Classification
CHINA-ROHS	Below maximum concentration value
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
REACH-SVHC	Compliant as per SVHC revision on www.commscope.com/ProductCompliance
ROHS	Compliant
UK-ROHS	Compliant





