

# 450330003 | F1177TSE(T-GRN) XP

XPRESSPREP® Coaxial Drop Cable, 75 Ohm, Series 11, black PE jacket with Green Tracer



## Product Classification

<b>Product Type</b>	Coaxial drop cable
<b>Product Brand</b>	XPRESSPREP®
<b>Product Series</b>	11 Series
<b>Warranty</b>	One year

## General Specifications

<b>Cable Type</b>	Series 11
<b>Center Conductor Type</b>	Solid
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Feet
<b>Performance Note</b>	Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)
<b>Shield Construction Type</b>	Trishield

## Dimensions

<b>Diameter Over Center Conductor, nominal</b>	1.626 mm   0.064 in
<b>Diameter Over Dielectric, nominal</b>	7.112 mm   0.28 in
<b>Diameter Over Inner Shield (Tape), nominal</b>	7.29 mm   0.287 in
<b>Diameter Over Jacket, nominal</b>	10.16 mm   0.4 in
<b>Jacket Thickness, nominal</b>	0.991 mm   0.039 in
<b>Center Conductor Gauge</b>	14 AWG
<b>Inner Shield (Braid) Gauge</b>	34 AWG

## Electrical Specifications

<b>Capacitance</b>	53.15 pF/m   16.2 pF/ft
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<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>dc Resistance Note</b>	Nominal values based on a standard condition of 20 °C (68 °F)
<b>dc Resistance, Inner Conductor, nominal</b>	41.011 ohms/km   12.5 ohms/kft
<b>dc Resistance, Loop, nominal</b>	55.118 ohms/km   16.8 ohms/kft
<b>dc Resistance, Outer Conductor, nominal</b>	14.108 ohms/km   4.3 ohms/kft
<b>Nominal Velocity of Propagation (NVP)</b>	85 %
<b>Operating Frequency Band</b>	5–3000 MHz

## Attenuation

<b>Frequency (MHz)</b>	<b>Attenuation (dB/100 m)</b>	<b>Attenuation (dB/100 ft)</b>
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
1700.0	19.08	5.81

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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

<b>Center Conductor Material</b>	Copper-clad steel
<b>Dielectric Material</b>	Foam PE
<b>Jacket Material</b>	PE
<b>Inner Shield (Braid) Coverage</b>	77 %
<b>Inner Shield (Braid) Material</b>	Aluminum
<b>Inner Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA) bonded
<b>Outer Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA) bonded

## Environmental Specifications

<b>Environmental Space</b>	Buried
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## Packaging and Weights

<b>Packaging Type</b>	Reel
<b>Weight, gross</b>	77.385 kg/km   52 lb/kft

## Regulatory Compliance/Certifications

<b>Agency</b>	<b>Classification</b>
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 <a href="http://www.commscope.com/ProductCompliance">www.commscope.com/ProductCompliance</a>
ROHS	Compliant

