



75 Ohm XPRESSPREP® Coaxial Headend Cable, Series 59, green flame retardant PVC jacket

## Product Classification

<b>Brand</b>	XPRESSPREP®
<b>Product Type</b>	Coaxial headend cable
<b>Product Series</b>	59 Series

## Standards And Qualifications

<b>EN50575 CPR Cable EuroClass</b>	Dca   s2   d0
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## Construction Materials

<b>Outer Shield (Braid) Material</b>	Aluminum
<b>Center Conductor Material</b>	Silver-plated copper-clad steel
<b>Dielectric Material</b>	PE
<b>Inner Shield (Braid) Coverage</b>	95 %
<b>Inner Shield (Braid) Gauge</b>	34 AWG
<b>Inner Shield (Braid) Material</b>	Aluminum
<b>Inner Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA) bonded
<b>Jacket Material</b>	Fire retardant PVC
<b>Outer Shield (Braid) Coverage</b>	95 %
<b>Outer Shield (Braid) Gauge</b>	34 AWG
<b>Outer Shield (Tape) Material</b>	Aluminum/Polymer/Aluminum (APA)

## Dimensions

<b>Cable Length</b>	305 m   1000 ft
<b>Diameter Over Center Conductor, nominal</b>	0.813 mm   0.032 in
<b>Diameter Over Dielectric, nominal</b>	3.658 mm   0.144 in
<b>Diameter Over Inner Shield (Tape), nominal</b>	3.835 mm   0.151 in
<b>Diameter Over Jacket, nominal</b>	6.858 mm   0.270 in
<b>Jacket Thickness, nominal</b>	0.7112 mm   0.0280 in
<b>Shipping Weight</b>	33.00 lb/kft

## Electrical Specifications

<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, Loop, nominal</b>	26.20 ohms/kft
<b>Nominal Velocity of Propagation (NVP)</b>	85 %
<b>Shielding Effectiveness at Frequency Band, nominal</b>	120 dB @ 5–1000 MHz
<b>Structural Return Loss</b>	20 dB @ 5–1002 MHz
<b>Structural Return Loss Test Method</b>	100% Swept Tested

## Environmental Specifications

<b>Environmental Space</b>	Indoor
<b>Flame Test Listing</b>	CATV   CM   EN 50399   IEC 60332-1-2   UL 1685
<b>Safety Standard</b>	ETL

## General Specifications

<b>Cable Type</b>	Series 59
<b>Center Conductor Gauge</b>	20 AWG
<b>Center Conductor Type</b>	Solid
<b>Conductors, quantity</b>	1
<b>Jacket Color</b>	Green
<b>Jacket Marking</b>	Feet
<b>Warranty</b>	One year

## Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5 MHz	2.82	0.86
55 MHz	6.73	2.05
83 MHz	8.04	2.45
187 MHz	11.81	3.60
211 MHz	12.47	3.80
250 MHz	13.45	4.10
300 MHz	14.60	4.45
350 MHz	15.75	4.80
400 MHz	16.73	5.10
450 MHz	17.72	5.40
500 MHz	18.70	5.70
550 MHz	19.52	5.95
600 MHz	20.34	6.20
750 MHz	22.87	6.97
865 MHz	24.67	7.52
1000 MHz	26.64	8.12
1200 MHz	29.29	8.93
1218 MHz	29.52	9.00
1300 MHz	30.55	9.31
1400 MHz	31.78	9.69
1500 MHz	32.96	10.05
1600 MHz	34.11	10.40

1700 MHz	35.23	10.74
1794 MHz	35.77	10.90
1800 MHz	36.32	11.07

\* Attenuation listed represents maximum values at standard condition of 20 °C (68 °F)

## Regulatory Compliance/Certifications

Agency	Classification
RoHS 2011/65/EU	Compliant
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system
CENELEC	EN 50575 compliant, Declaration of Performance (DoP) available

