

HomeConnect® 75 Ohm Coaxial Drop Cable, Series 11, black PVC jacket with messenger



## Product Classification

<b>Brand</b>	HomeConnect®
<b>Product Type</b>	Coaxial drop cable
<b>Product Series</b>	11 Series

## Standards And Qualifications

<b>EN50575 CPR Cable EuroClass</b>	Eca
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## Construction Materials

<b>Jacket Material</b>	PVC
<b>Center Conductor Material</b>	Copper-clad steel
<b>Dielectric Material</b>	Foam PE
<b>Inner Shield (Braid) Coverage</b>	60 %
<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>Messenger Wire Material</b>	Zinc-coated steel

## Dimensions

<b>Diameter Over Center Conductor, nominal</b>	1.626 mm   0.064 in
<b>Diameter Over Dielectric, nominal</b>	7.112 mm   0.280 in
<b>Diameter Over Inner Shield (Tape), nominal</b>	7.290 mm   0.287 in
<b>Diameter Over Jacket, nominal</b>	10.160 mm   0.400 in
<b>Diameter Over Messenger Wire, nominal</b>	1.829 mm   0.072 in
<b>Jacket Thickness, nominal</b>	1.0668 mm   0.0420 in
<b>Shipping Weight</b>	85.00 lb/kft

## Electrical Specifications

<b>dc Resistance, Inner Conductor, nominal</b>	12.50 ohms/kft
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<b>dc Resistance, Outer Conductor, nominal</b>	7.00 ohms/kft
<b>dc Resistance, Loop, nominal</b>	19.50 ohms/kft
<b>Operating Frequency Band</b>	5–3000 MHz
<b>dc Resistance Note</b>	Nominal values based on a standard condition of 20 °C (68 °F)
<b>Capacitance</b>	53.1 pF/m   16.2 pF/ft
<b>Characteristic Impedance</b>	75 ohm
<b>Characteristic Impedance Tolerance</b>	±3 ohm
<b>Nominal Velocity of Propagation (NVP)</b>	85 %

## Environmental Specifications

<b>Environmental Space</b>	Aerial
<b>Flame Test Listing</b>	IEC 60332-1-2

## General Specifications

<b>Cable Type</b>	Series 11
<b>Packaging Type</b>	Reel
<b>Shield Construction Type</b>	Dual shield
<b>Center Conductor Gauge</b>	14 AWG
<b>Center Conductor Type</b>	Solid
<b>Jacket Color</b>	Black
<b>Jacket Marking</b>	Meters
<b>Messenger Wire Type</b>	Solid
<b>Warranty</b>	One year

## Mechanical Specifications

**Messenger Wire Breaking Strength, minimum** 166 kg | 365 lb

## Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
5 MHz	1.25	0.38
55 MHz	3.15	0.96
83 MHz	3.87	1.18
85 MHz	3.90	1.19
187 MHz	5.74	1.75
204 MHz	6.14	1.87
211 MHz	6.23	1.90
250 MHz	6.72	2.05
300 MHz	7.38	2.25
350 MHz	7.94	2.42
400 MHz	8.53	2.60
450 MHz	9.02	2.75
500 MHz	9.51	2.90

550 MHz	9.97	3.04
600 MHz	10.43	3.18
750 MHz	11.97	3.65
865 MHz	13.05	3.98
1000 MHz	14.27	4.35
1218 MHz	16.14	4.92
1300 MHz	16.44	5.01
1400 MHz	17.13	5.22
1500 MHz	17.79	5.42
1600 MHz	18.44	5.62
1700 MHz	19.08	5.81
1794 MHz	19.66	5.99
1800 MHz	19.70	6.00
2000 MHz	20.89	6.37
2200 MHz	22.05	6.72
2500 MHz	23.70	7.22
2800 MHz	25.28	7.71
3000 MHz	26.30	8.02

\* 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

