



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

## Product Classification

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

## Construction Materials

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

## 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>Jacket Thickness, nominal</b>                  | 0.9906 mm   0.0390 in |
| <b>Shipping Weight</b>                            | 52.00 lb/kft          |

## Electrical Specifications

|  |   |
|--|---|
| <b>dc Resistance, Inner Conductor, nominal</b> | 12.50 ohms/kft  |
| <b>dc Resistance, Outer Conductor, nominal</b> | 4.30 ohms/kft   |
| <b>dc Resistance, Loop, nominal</b>            | 16.80 ohms/kft  |
| <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

**Environmental Space** Buried

## General Specifications

**Cable Type** Series 11  
**Packaging Type** Reel  
**Shield Construction Type** Trishield  
**Center Conductor Gauge** 14 AWG  
**Center Conductor Type** Solid  
**Jacket Color** Orange  
**Jacket Marking** Feet  
**Warranty** One year

## Electrical Performance

| <b>Frequency</b> | <b>Attenuation (dB/100 m)</b> | <b>Attenuation (dB/100 ft)</b> |
|------------------|-------------------------------|--------------------------------|
| 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**

RoHS 2011/65/EU  
ISO 9001:2015

**Classification**

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

