# 75 Ohm Coaxial Cable

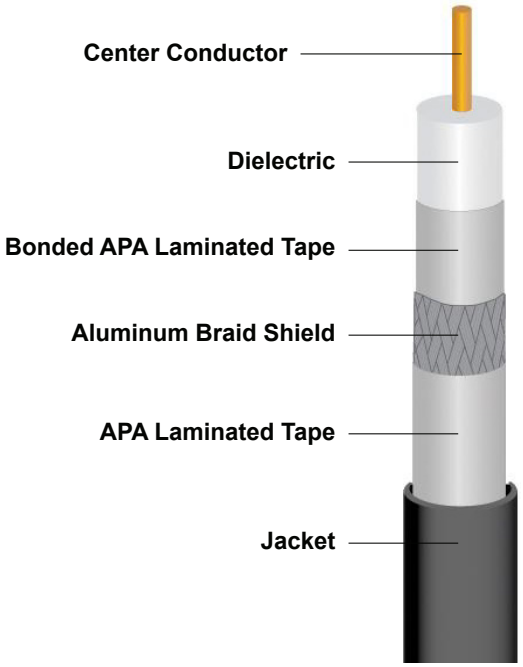
PerfectFlex® BROADBAND COAXIAL CABLE

*P11ET77VERM*

PPC® A BELDEN BRAND

## General Description

11 Series, Perfect Prep®, Tri-shield, 77% Braid, Black PVC Jacket
Euroclass Eca Rated, Meter Marked, Reel Package




## Mechanical Specifications

| Specification | Value |
|---|---|
| Center Conductor | Copper-covered steel |
| Nominal Diameter | 0.064” (1.63 mm) |
| Dielectric | Closed cell foamed polyethylene |
| Nominal Diameter Over Dielectric | 0.280” (7.11 mm) |

## Shield Specifications

| Specification | Value |
|---|---|
| 1st Shield | APA-laminated tape bonded to dielectric |
| Nominal Diameter Over Tape | 0.288” (7.29 mm) |
| 2nd Shield | 34 AWG aluminum braid wire; 77% coverage |
| 3rd Shield | APA-laminated tape |

## Jacket Specifications

| Specification | Value |
|---|---|
| Jacket | Euroclass E, Black PVC |
| Nominal Diameter Over Jacket | 0.400” (10.16 mm) |

## Performance Specifications

| Specification | Value |
|---|---|
| NEC Rated | None |
| Characteristic Impedence | 75 +/- 3 Ohms |
| Nominal Velocity Propagation | 82% |

## Packaging Specifications

| Specification | Value |
|---|---|
| Cable Length per Reel | 1,000 ft. (305 m) |
| Packaging Dimensions | 18"x6"x11" (45.7x15x28 cm) |
| Shipping Weight per Reel | 55lbs/1,000 ft |



*Unless otherwise specified, dimensions, material, electrical and mechanical specifications shall comply with ANSI SCTE 74 *Cable image for reference only. Please refer to jacket description for color.*

## Performance Specifications

| Frequency (MHz) | Maximum (dB/100ft) | Maximum (dB/100m) |
|---|---|---|
| 5 | 0.36 | 1.18 |
| 55 | 0.95 | 3.12 |
| 211 | 1.81 | 5.94 |
| 250 | 1.98 | 6.50 |
| 300 | 2.17 | 7.12 |
| 350 | 2.36 | 7.74 |
| 400 | 2.53 | 8.30 |
| 450 | 2.69 | 8.83 |
| 500 | 2.85 | 9.35 |
| 550 | 3.01 | 9.88 |
| 600 | 3.16 | 10.37 |
| 750 | 3.58 | 11.75 |
| 870 | 3.90 | 12.80 |
| 1000 | 4.23 | 13.88 |

*Attenuation (max corrected to 20°C)*

RoHS COMPLIANT

r3_11062025



6176 E. Molloy Rd. East Syracuse, NY 13057
bbs.cs@belden.com
1-800-800-6652 • +1 315-431-7200
www.ppc-online.com