

# PRODUCT SPECIFICATIONS

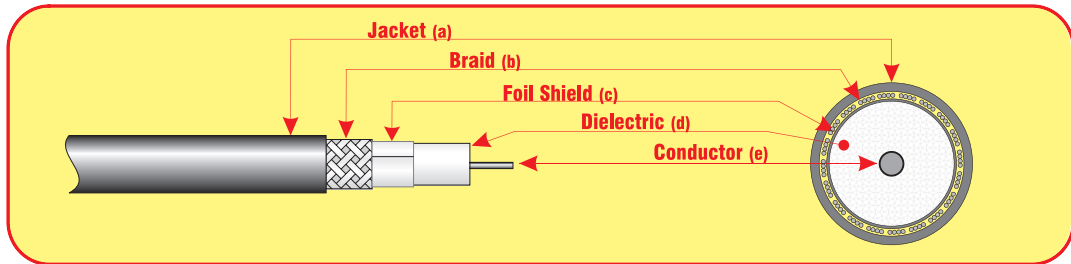
Coaxial Cable Manufacturers Specifications

PV part number: S6D60PN

## Features

Coax Type:	RG6 60% Burial PE W/Floodant
Application:	Outdoor Use - Direct Burial
Packaging:	R1K
Shipping Weight:	26 lbs
Operating Temperature:	-30° C through +75 C

## Materials



- |                  |                       |                            |
|------------------|-----------------------|----------------------------|
| (a) Jacket       | Nominal OD:           | .270" 6.86mm               |
|                  | Material:             | Polyethylene               |
|                  | Color:                | Black, Orange              |
| (b) Braids       | Material:             | 34 AWG Aluminum Alloy      |
|                  | Braid Coverage:       | 60% W/ Floodant            |
| (c) Foil Shield: | Material:             | Aluminum/Laminant/Aluminum |
|                  | Shield Core OD:       | .188" 4.78mm               |
|                  | Adhesive:             | EAA                        |
|                  | Foil Shield Coverage: | 100% (18% overlap minimum) |
| (d) Dielectric:  | Material:             | Gas Injected Foam PE       |
|                  | Nominal OD:           | .180" 4.57mm               |
| (e) Conductor    | Material:             | Copper-Clad Steel          |
|                  | Nominal OD:           | .0403" 1.02mm (18 ga)      |

## Electrical Characteristics

Impedance:	75 Ohms ± 3 Ohms
Capacitance:	16.2 PF/ft
Velocity of Propagation:	83%
Nominal Delay:	1.22 NS/ft
Conductor DC Resistance:	29.9 Ohms / 1000 ft
Shield DC Resistance:	10.3 Ohms / 1000 ft
Swept Tested:	5 MHZ~3000 MHZ
UL:	N/A
Footage markers:	Every 2 ft

Attenuation In dB / 100 ft at 68° F (20° C)

MHz	Nominal	Maximum
5	0.54	0.58
55	1.51	1.60
211	2.85	3.05
750	5.40	5.65
870	5.98	6.11
1000	6.38	6.55
1450	7.84	8.00
1750	8.69	8.96
2050	9.60	9.79
2250	9.88	10.00
3000	11.30	11.90

