



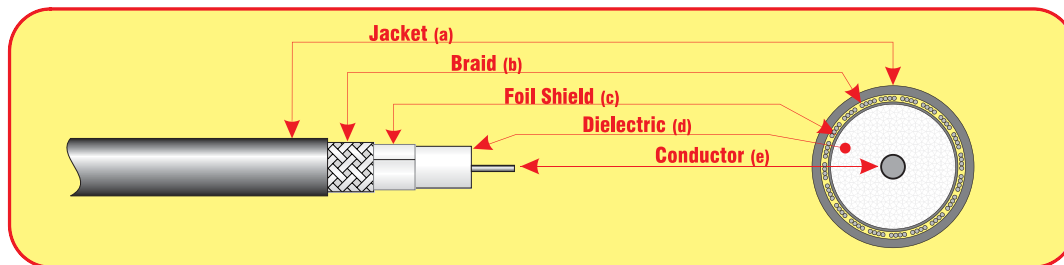
# PRODUCT SPECIFICATIONS

Perfect Vision Part Number: PV6S60UWRM

## Features

Coax Type:	6 Series, Standard Shield, 60% Braid, White FR PVC Jacket
Packaging:	1,000 ft (305m) Wood Reel
Shipping Weight:	29.0 lbs/kft (13.0 kg/305m)
Applications:	Indoor and Outdoor Use
Operating Temperature:	-30° C through +75

## Materials



(a) Jacket	OD:	0.273" $\pm$ 0.008" (6.93mm $\pm$ 0.20mm)
	Material:	UV Resistant, FR, PVC
	Color:	White
(b) Braids	Material:	34 AWG Aluminum Alloy
	Braid Coverage:	60%
(c) Foil Shield:	Material:	Aluminum Laminated Shielding Tape
	First Shield OD:	0.188" $\pm$ 0.005" (4.78mm $\pm$ 0.13mm)
	Adhesive:	EAA
	Foil Shield Coverage:	100% (18% overlap minimum)
(d) Dielectric:	Material:	Gas Injected Foam PE
	Nominal OD:	0.180" (4.57mm)
(e) Conductor	Material:	Copper-Clad Steel
	OD:	0.0403" $\pm$ 1% (1.63mm $\pm$ 1%)

## Electrical Characteristics

Impedance:	75 Ohms $\pm$ 3 Ohms
Capacitance:	16.2 PF/ft
Velocity of Propagation:	$\geq$ 82%
Conductor DC Resistance:	30.0 $\Omega$ /kft (98.4 $\Omega$ /km) @ 20°C
DC Loop Resistance:	39.17 $\Omega$ /kft (128.51 $\Omega$ /km) @ 20°C
Swept Tested:	5 MHZ~3000 MHZ
Footage markers:	Every 39 inches (1meter) minimum

Maximum Attenuation @ 68°F (20°C)		
Frequency (MHz)	dB / 100ft	(dB / 100m)
5	0.58	1.90
55	1.60	5.25
211	3.05	10.00
250	3.30	10.82
270	3.37	11.04
300	3.55	11.64
330	3.74	12.26
350	3.85	12.63
400	4.15	13.61
450	4.40	14.43
500	4.66	15.29
550	4.90	16.08
600	5.10	16.73
750	5.65	18.54
870	6.11	20.04
1000	6.55	21.49

