



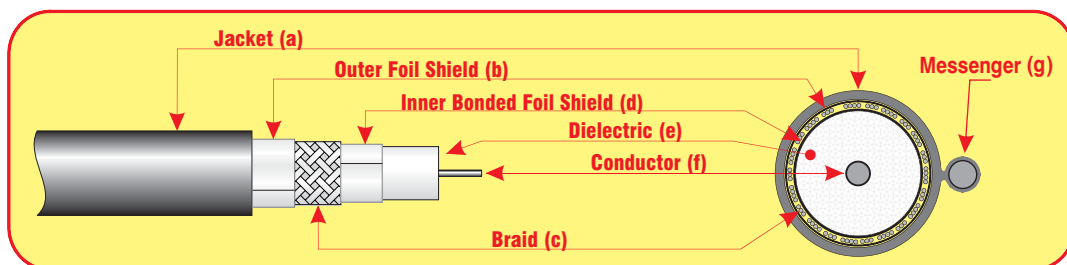
PRODUCT SPECIFICATIONS

Perfect Vision Part Number: **PV6T60VMMR**

Features

Coax Type: 6 Series, Trishield, 60% Braid, Aerial, PVC Jacket with Messenger
Application: Outdoor Use
Packaging: 1,000 ft (305m) Wood Reel
Shipping Weight: 43.5 lbs/kft (19.7 kg/305m)
Operating Temp: -30° C through +75 C

Materials



(a) Jacket	OD:	0.278"±0.008" (7.06mm±0.20mm)
	Material:	UV Resistant PVC
	Color:	Black
(b) Outer Foil Shield:	Material:	Aluminum Laminated Shielding Tape
(c) Braid	Material:	34 AWG Aluminum Alloy
	Braid Coverage:	60%
(d) Inner Foil Shield:	Material:	Aluminum Laminated Shielding Tape
	First Shield OD:	0.188"±0.005" (4.78mm±0.13mm)
	Adhesive:	EAA
	Foil Shield Coverage:	100% (18% overlap minimum)
(e) Dielectric:	Material:	Gas Injected Foam PE
	Nominal OD:	0.180" (4.57mm)
(f) Conductor	Material:	Copper-Clad Steel
	OD:	0.0403"±1% (1.63mm±1%)
(g) Messenger	Material:	0.051" (1.30mm) Galvanized Steel

Electrical Characteristics

Impedance: 75 Ohms ± 3 Ohms
Capacitance: 16.2 PF/ft
Velocity of Propagation: ≥82%
Conductor DC Resistance: 30.0 Ω/kft (98.4 Ω/km) @ 20°C
DC Loop Resistance: 36.5 Ω/kft (119.75 Ω/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

