

GENERAL DESCRIPTION

P50 Series, Perfect Prep®, Tri-shield, 77% Braid, Underground Floodant, Black PE Jacket, Footage Marked, Reel Package

MECHANICAL SPECIFICATIONS

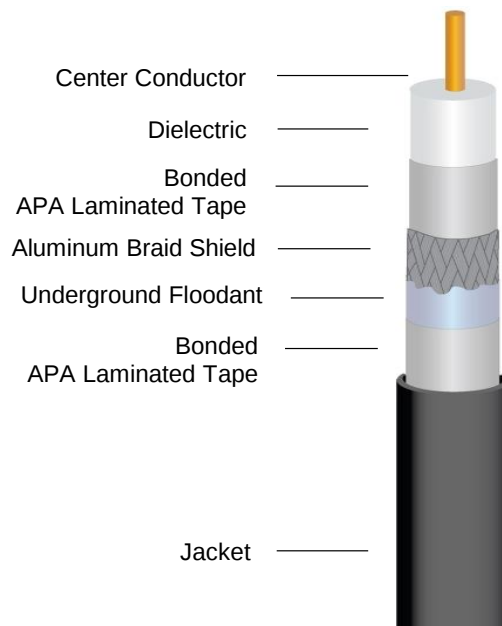
Center Conductor:	9 AWG Copper covered aluminum
Nominal Diameter:	0.109" (2.77 mm)
Dielectric:	Gas expanded, virgin polyethylene
Nominal Diameter	0.455" (11.56 mm)

SHIELD

1st Shield	APA-laminated tape bonded to dielectric
Nominal Diameter Over Tape:	0.463" (11.76 mm)
2nd Shield	33 AWG aluminum braid wire; 77% coverage
3rd Shield:	APA-laminated tape bonded to jacket

JACKET

Jacket:	Black PE, Sunlight Resistant
Nominal Diameter Over Jacket:	0.590" (14.99 mm)



PERFORMANCE SPECIFICATIONS

Attenuation (max corrected to 20°C)

Frequency (MHz)	Maximum (dB/100ft)	Maximum (dB/100m)
55	0.60	1.97
211	1.16	3.81
250	1.27	4.17
300	1.39	4.56
350	1.50	4.92
400	1.61	5.28
450	1.71	5.61
500	1.80	5.91
550	1.89	6.20
600	1.98	6.50
750	2.23	7.32
870	2.40	7.87
1000	2.59	8.50
1450	3.20	10.50
1850	3.70	12.14
2000	3.87	12.70
2250	4.16	13.65
2500	4.43	14.53
2700	4.63	15.19
3000	4.95	16.24

PERFORMANCE SPECIFICATIONS

NEC Rated:	None
Characteristic Impedance:	75 +/- 3 Ohms
Nominal Velocity Propagation:	87%



PACKAGING SPECIFICATIONS

Cable Length per Reel:	1,000 ft. (305 m)
Packaging Dimensions:	30" x 6" x 18" (76.2 x 15 x 45.7 cm)
Shipping Weight per Reel:	128 lbs./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.