






# AquaBlock™ Communication Cable

## Coaxial Cables/ Pro-Video/CCTV/CATV with Sunlight Resistant PVC Black Jacket

Part No.	NEC Type	AWG Size & Stranding Nom. D.C.R.	Insulation Nom. O. D.		Shield Type and % Coverage	Nom. O. D.		Nominal Capacitance		Nom. Vel. of Prop.	Nom. Imp. Ω						
			inch	mm		inch	mm	pf/ft*	pf/m*								
 WB5025 HDTV, DTV SDI- Serial Digital Digital Video Cable	CM	20 Solid Bare Copper 10.0 Ω/M <sup>1</sup>	.142	3.61	Dual Foil* 100% Tinned Copper Braid 95%	.242	6.15	16.2	53.1	83%	75	<b>Nom. Attenuation</b>					
												Gas Injected PE <sup>‡</sup>			Nom. Attenuation		
												mhz	db/100 ft	db/100 m	mhz	db/100 ft	db/100 m
												1	.28	.92	360	4.3	14.1
												10	.66	2.16	720	6.23	20.43
												71.5	1.93	6.33	1000	7.49	24.57
												185	3.0	9.8	1500	9.16	30
270	3.79	12.4	3000	13.23	43.40												
 WB5026 CCTV	CM	20 Solid Bare Copper 10.0 Ω/M <sup>1</sup>	.142	3.61	Bare Copper Braid 95%	.242	6.15	16.2	53.1	82%	75	<b>Nom. Attenuation</b>					
												Gas Injected PE <sup>‡</sup> with Tape Barrier			Nom. Attenuation		
												mhz	db/100 ft	db/100 m	mhz	db/100 ft	db/100 m
												1	.30	.99	400	4.71	15.45
												10	.68	2.23	700	6.40	20.99
												50	1.80	5.90	900	7.33	24.04
												100	2.40	7.87	1000	7.80	25.58
200	3.54	11.60															
 WB5027 Digital Satellite Cable CATV	CM	18 Solid Bare Copper 6.2 Ω/M <sup>1</sup>	.180	4.57	Dual Foil* 100% Aluminum Braid 65%	.275	6.99	16.2	53.1	82%	75	<b>Nom. Attenuation</b>					
												Gas Injected PE <sup>‡</sup>			Nom. Attenuation		
												mhz	db/100 ft	db/100 m	mhz	db/100 ft	db/100 m
												5	.45	1.5	700	6.0	19.7
												55	1.6	5.2	1000	8.0	26.2
												100	2.0	6.6	1450	10.3	33.8
												400	4.5	14.8	2000	12.6	41.3
 WB5028 CCTV	CM	18 Solid Bare Copper 6.2 Ω/M <sup>1</sup>	.180	4.57	Bare Copper Braid 95%	.280	7.11	16.2	53.1	82%	75	<b>Nom. Attenuation</b>					
												Gas Injected PE <sup>‡</sup> with Tape Barrier			Nom. Attenuation		
												mhz	db/100 ft	db/100 m	mhz	db/100 ft	db/100 m
												1	.24	.78	400	3.95	12.97
												10	.52	1.71	700	5.38	17.65
												50	1.18	3.85	900	6.13	20.10
												100	1.83	6.02	1000	6.45	21.15
200	2.73	8.95															
 WB5029 This cable contains 1 Coax Unit plus 1 pair 16 AWG Unshielded AquaBlock Cable	CM	18 Solid Bare Copper 6.2 Ω/M <sup>1</sup>	.180	4.57	Bare Copper Braid 95%	.280	7.11	16.2	53.1	82%	75	<b>Nom. Attenuation</b>					
												Gas Injected PE <sup>‡</sup>			Nom. Attenuation		
												mhz	db/100 ft	db/100 m	mhz	db/100 ft	db/100 m
												1	.24	.78	400	3.95	12.97
												10	.52	1.71	700	5.38	17.65
												50	1.18	3.85	900	6.13	20.10
												100	1.83	6.02	1000	6.45	21.15
200	2.73	8.95															

Standard spool size 1000 feet, spools are one piece, but length may vary +/- 10% \*Gas Injected foam polyethylene 100% Sweep Tested to 3GHz  
 \*Dual Foil is an aluminum polyester aluminum tape with 100% coverage