

AquaBlock™ Communication Cable

Description

- PVC fillers as required
- ASTM bare and tinned copper
- Unshielded
- Polyester binders as required
- AquaBlock construction
- Overall sunlight and moisture resistant PVC jacket
- Short overall twist lengths
- Each pair shielded 100% coverage of aluminum polyester foil with TC drain wire
- PVC insulation

Ratings

- (UL)-C(UL) Listed
- (ETL)us-c(ETL)us Listed
- NEC Type CM or CL3
- Meets 300 volt requirements as specified in Article 800 and 725 of the NEC

Applications

- Materials suitable for outdoor use & indoor trays for:
- Security Systems
 - Intercom Systems
 - Background Music
 - Sound and Audio
 - Power-Limited Control Circuits



Multiple Conductor Unshielded

Part No.	No. of Cond.	AWG Size & Stranding Nom. D.C.R. Drain Wire	Nom. Insulation Thickness		Nom. Jacket Thickness		Nom. O. D.		Nominal Capacitance			
			inch	mm	inch	mm	inch	mm	pf/ft*	pf/m*	pf/ft**	pf/m**
WB2031	1 Pair	18 (7x26) Bare Copper 6.2 Ω/M'	.010	.25	.025	.64	.194	4.93	N/A Unshielded Cable			
WB2047	8 Conductor	18 (7x26) Bare Copper 6.2 Ω/M'	.010	.25	.025	.64	.340	8.64	N/A Unshielded Cable			
WB2032	1 Pair	16 (19x29) Bare Copper 4.2 Ω/M'	.010	.25	.025	.64	.228	5.79	N/A Unshielded Cable			
WB2048	4 Conductor	22 Solid Bare Copper 17.5 Ω/M'	.010	.25	.025	.64	.194	4.95	N/A Unshielded Cable			

For color codes see chart A on page 63



Multiple Pair Cable Each Par Individually Shielded

Part No.	No. of Pairs	AWG Size & Stranding Nom. D.C.R. Drain Wire	Nom. Insulation Thickness		Nom. Jacket Thickness		Nom. O. D.		Nominal Capacitance			
			inch	mm	inch	mm	inch	mm	pf/ft*	pf/m*	pf/ft**	pf/m**
WB3022	2	22 (7x30) 17 Ω/M' 24 Strd. Drain	.010	.25	.025	.64	.380	9.65	55	180	99	325
WB3023	4	22 (7x30) 17 Ω/M' 24 Strd. Drain	.010	.25	.025	.64	.427	10.85	55	180	99	325
WB3024	6	22 (7x30) 17 Ω/M' 24 Strd. Drain	.010	.25	.025	.64	.520	13.21	55	180	99	325
WB3025	12	22 (7x30) 17 Ω/M' 24 Strd. Drain	.010	.25	.025	.64	.698	17.73	55	180	99	325

*Capacitance between conductors **Capacitance between one conductor and the other connected to the shield
Orange ripcord under jacket

For color codes see chart B on page 63