

Communication & Control Plenum Cables

WEST PENN WIRE



Plenum Communication & Control Cable Multiple Pair / Individually Shielded Pairs

Description:

- ASTM Bare Copper • Polymer Alloy Insulation • Twisted pair construction • Each pair shielded 100% coverage of aluminum polyester foil with drain wire • Short overall twist construction
- Overall plenum PVC Jacket

Rating:

- NEC Type CMP
- (UL)-C(UL) Listed or c(ETL)us Listed
- Meets 300V requirements as specified in the NEC
- Flame Rating: NFPA-262 Smoke & Flame Test

Applications:

- Indoor within ducts, plenums and other spaces used for environmental air:
- Intercom Systems
 - Security Systems
 - Sound and Audio
 - Background Music

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & Thickness	Individual Shielding & Drain Wire	Jacket Type & Thickness	Nom. O.D. Inches	NEC Type	Nom. Capacitance	Jacket Color
			Inches		Inches				
25510B	2	22 AWG (7x30) 17 Ω/Mft	Polymer alloy .010	Al. Foil - 100% 24 Strd.	Plenum PVC .015	.204	CMP	55 pf/ft* 99 pf/ft**	GY, GN, BL
25440B	2	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .010	Al. Foil - 100% 22 Strd.	Plenum PVC .015	.257	CMP	68 pf/ft* 122 pf/ft**	Gray

Special Note: 25510B & 25440B

- Employs individually shielded pairs with one strd. drain wire common to all shields to ensure greater shielding and lower DC resistance

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Color Code	
25510B	1. Black, 2. Red, 3. White, 4. Green
25440B	JACKET: GY-Gray, GN-Green, BL-Blue

Standard spool size 1000ft.

Catalog No.	No. of Pairs	Conductor Type & Nom. D.C.R	Insulation Type & thickness	Individual Shielding & Drain Wire	Jacket type & Thickness	Nom. O.D. Inches	NEC type	Nom. Capacitance	Jacket Color
			Inches		Inches				
25441B	3	18 AWG (7x26) 6.2 Ω/Mft	Polymer alloy .010	Al. Foil - 100% 22 Strd.	Plenum PVC .015	.283	CMP	68 pf/ft* 122 pf/ft**	Gray

Special Note: 25441B

- Employs individually shielded pairs with a strd. drain wire for each pair

- * Capacitance between conductors.
- ** Capacitance between one conductor and the other connected to the shield

Color Code	
25441B	1. Black/Red, 2. Black/Green, 3. Black/Blue
	JACKET: Gray