Specialty Cable Electronics

Composite Data and Control Cable

NEC Type CMP (UL) c(UL)

Product Construction:

Conductor:

• 22 AWG and 18 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation

- 22 AWG foam FEP 18 AWG - plenum PVC
- Color code: See chart below

Pair Shield (22 AWG):

- 100% Flexfoil® aluminum/polyester foil with 25% overlap, minimum
- Stranded tinned copper drain wire

Jacket:

- Plenum PVC, natural or as requested
- Temperature range: -20°C to +75°C

Applications:

- Multimedia systems
- Data and control circuits
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

Features:

• Fire-retardant, low-smoke jacket

Packaging:

 Please contact Customer Service for packaging and color options



CATALOG	NO. OF	AWG	COND.	NOI INSULA THICKI	TION	NOM. JA		NOMINA	L O.D.		AL CAP. *
NUMBER	PAIRS	SIZE	STRAND	INCHES	mm	INCHES	mm	INCHES	mm	A	В

22 AWG SHIELDED PAIR AND 18 AWG UNSHIELDED PAIR WITH OVERALL JACKET

C8125	1 each	(22	7/30 TC	0.020	0.51)	0.015	0.381	0.195	4.95	13 (22)	35.0
		(18	16/30 TC	0.009	0.23)					30 (18)	

^{*}A - Capacitance between conductors

Color Code Chart

AWG	COLOR					
22	Blue & White					
18	Black & Red					









^{*}B - Capacitance between one conductor and other conductors connected to shield