

# 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:

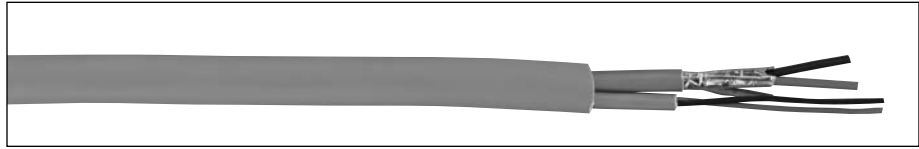
- NEC Article 800
- Designed to meet NFPA 262 and CSA FT-6 Steiner Tunnel Fire Tests for Plenum Applications

## Features:

- Fire-retardant, low-smoke jacket

## Packaging:

- Please contact Customer Service for packaging and color options



CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOMINAL CAP. * pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
<b>22 AWG SHIELDED PAIR AND 18 AWG UNSHIELDED PAIR WITH OVERALL JACKET</b>											
<b>C8125</b>	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

\*B - Capacitance between one conductor and other conductors connected to shield

## Color Code Chart

AWG	COLOR
<b>22</b>	Blue & White
<b>18</b>	Black & Red