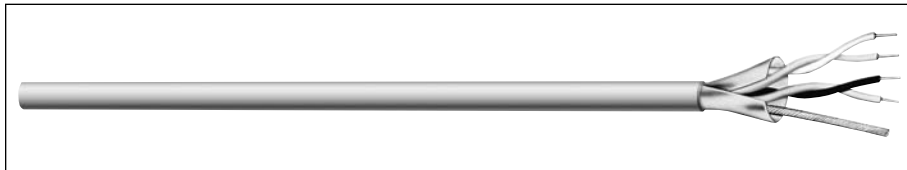# Multi-Paired, Foil Shield

NEC Type CMP (UL) c(UL)

CATALOG NUMBER	NO. OF PAIRS	AWG SIZE	COND. STRAND	NOM. INSULATION THICKNESS		NOM. JACKET THICKNESS		NOMINAL O.D.		NOM. CAP.* pF/ft	
				INCHES	mm	INCHES	mm	INCHES	mm	A	B
C8118	2	24	7/32	0.014	0.15	0.015	0.38	0.203	5.16	12.0	22.0

*A – Capacitance between conductors
*B – Capacitance between one conductor and other conductors connected to shield

Color Code Chart

NO. OF PAIRS	COLOR
1	White/Blue paired with Blue/White
2	White/Orange paired with Orange/White

Product Construction:

Conductor:
- 24 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:
- Premium-grade, color-coded foam FEP
- Color code: See chart below

Separator:
- Polyester tape with 25% overlap

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

Jacket:
- PVDF, gray or as requested
- Temperature range: -40°C to +150°C

Applications:
- Computer systems
- Remote control circuits
- Process control and instrumentation
- Suitable for RS232, RS422, RS485
- 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