

NEC ARTICLE 725-2(b) - MULTI-PAIRED - INDIVIDUALLY FOIL SHIELDED PLENUM

NEC TYPE CL2P OR CMP, c(UL)PCC, 150 VOLT

Construction

Conductor:

- Fully annealed stranded bare copper per ASTM B-3 or stranded tinned copper per ASTM B-33.
- Twisted pairs.

Insulation:

- Color coded fluorocopolymer.

Shield:

- Individually shielded pairs.
- 100% Aluminum/polyester.
- Stranded tinned copper drain wire.

Jacket:

- Fluorocopolymer, natural color.
- Voltage Rating: 150 volts +60°C.

Features:

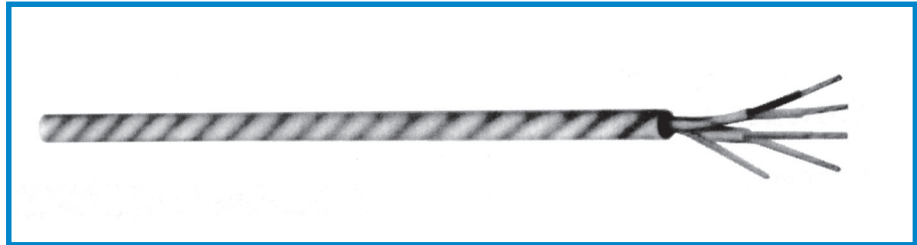
- Installation in air plenums without the use of conduit.

Industry Approvals:

- UL listed for low smoke and fire characteristics per NEC Article 725-2(b).
- UL Subject 13, Type CL2P.
- UL Subject 910, Smoke and Flame Test.
- OSHA acceptable.

Packaging:

- 1000 ft spools.



CUSTOM CATALOG NUMBER	SIZE	NUMBER OF PAIRS	STRAND	NOMINAL INSULATION THICKNESS (INCHES)		NOMINAL O.D. INCHES	NOMINAL WEIGHT LBS/MFT
	AWG/MCM			INSULATION	JACKET		
11554	22	1	7/30	0.007	0.015	0.122	22
11551	22	2	7/30	0.007	0.015	0.141	32
11552	22	3	7/30	0.007	0.015	0.226	51
11553	22	6	7/30	0.007	0.015	0.337	83

Note: Materials and construction subject to change without notice. We reserve the right to supply compounds approved for plenum applications by NEC and/or UL.

MULTI-PAIRED - INDIVIDUALLY FOIL SHIELDED PLENUM

NEC TYPE CMP, c(UL)PCC

Construction

Conductor:

- 22 AWG fully annealed stranded tinned copper per ASTM B-33.

Insulation:

- Premium grade color coded fluorocopolymer.
- Color Code: see chart below.

Shield:

- 100% Aluminum/polyester foil, each pair, 25% overlap.
- Stranded tinned copper drain wire.

Jacket:

- Fluorocopolymer, red.
- Temperature Range: -20°C to +150°C.

Applications:

- Point of Sale systems.
- Remote control circuits.
- Process Control and Instrumentation.
- Power Limited Control Circuits.
- Suggested voltage rating: 300 volts.

Industry Approvals:

- NEC Article 800 (UL: 150°C, 300V).
- c(UL)PCC FT6.

Features:

- Abrasion, chemical & water resistant jacket.

Packaging:

- 1000 ft spools.

CUSTOM CATALOG NUMBER	SIZE	NO. OF PAIRS	COND'R STRAND	NOMINAL THICKNESS INCHES		NOMINAL O.D. INCHES	NOMINAL CAP. (pF/ft)	
	AWG/MCM			INSUL.	JACKET		A	B
11555*	22	2	7/30TC	0.006	0.010	0.147	28.0	50.4
11556	22	3	7/30TC	0.006	0.010	0.184	28.0	50.4

* Cabled on common axis to reduce diameter, foil out, common drain wire.

A - Capacitance between conductors

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

COLOR CODE CHART

PART # 11555

Pair	Color
1	Black paired with Red
2	White paired with Green

PART # 11556

Pair	Color
1	Black paired with Red
2	Black paired with White
3	Black paired with Green

Custom Cable Corp.



Listed
Subject 13
NEC Article 725

OSHA Acceptable
Occupational Safety and Health
Administration

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