

COMMUNICATION & CONTROL MULTICONDUCTOR, BRAID SHIELD PVC/PVC

UL TYPE CM
AWM 1108, 2095, CSA CMG FT4
300 VOLT & 450 VOLT

CHARACTERISTICS

OPERATING TEMPERATURE:

- -20°C to 80°C – AWM
- 75°C – CM

VOLTAGE RATING:

- 300 Volt – CM
- 450 Volt (14 & 12 AWG)

COLOR DESCRIPTION:

- Color Code: Chart D Page 375
- Jacket Color: Gray

PRODUCT DESCRIPTION:

- Conductor: Stranded or Solid Tinned Copper
- Insulation: Color-Coded PVC
- Wrap: Clear Polyester (Multiconductor Only)
- Shield: Braided Bare Copper
- Jacket: PVC

SPECIFICATIONS

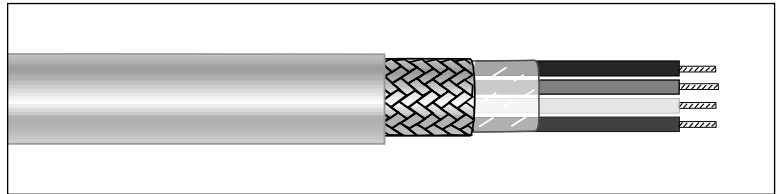
- UL Type CM, AWM 1108, 2095
- CSA CMG FT4
- Passes UL Vertical Tray Flame Test
- † With a 22 AWG Solid Tinned Copper Drain Wire Under Braid Shield
- †† Not UL Recognized
- ◆ UL 1108 – Single Conductor, UL 2095 – Multiconductor
- "C" Suffix Indicates CM Rating




 Underwriters Laboratories Inc. Canadian Standards Association

AVAILABILITY

- 100 ft (30,5m), 500 ft (152m), 1000 ft (305m) put-ups
- ▲ 500 ft (152m), 1000 ft (305m) put-ups



80°C 300V - UL 1108, UL 2095 - TYPE CM

Insulation Thickness: **0.016"** (0,41mm) PVC

Part No.	No. of Cond.	Conductor		Jacket Thickness		Diameter	
		AWG	Strand	Inches	mm	Inches	mm
1735◆	1	22	7/30	0.020	0,50	0.12	3,1
1736C	2	22	7/30	0.020	0,50	0.18	4,6
1737C	3	22	7/30	0.020	0,50	0.20	5,0
1738C	4	22	7/30	0.020	0,50	0.21	5,3
1741C	2	20	7/28	0.020	0,50	0.20	5,0
1742C	3	20	7/28	0.020	0,50	0.22	5,5
1743C	4	20	7/28	0.020	0,50	0.23	5,8
1745◆	1	18	16/30	0.020	0,50	0.14	3,6
1746C	2	18	16/30	0.020	0,50	0.23	5,8
1747C	3	18	16/30	0.020	0,50	0.24	6,1
1747/4C	4	18	16/30	0.020	0,50	0.25	6,4
1748C	2	16	19/0.0117	0.020	0,50	0.25	6,4
1749C	3	16	19/0.0117	0.020	0,50	0.25	6,4

80°C 300V - UL 2095 - TYPE CM

Insulation Thickness: **0.020"** (0,50mm) PVC

Part No.	No. of Cond.	Conductor		Jacket Thickness		Diameter	
		AWG	Strand	Inches	mm	Inches	mm
▲1775C†	2	22	Solid	0.020	0,50	0.17	4,4

80°C 450V ††

Insulation Thickness: **0.020"** (0,50mm) PVC

Part No.	No. of Cond.	Conductor		Jacket Thickness		Diameter	
		AWG	Strand	Inches	mm	Inches	mm
1750	2	14	41/30	0.020	0,50	0.29	7,4
1751	3	14	41/30	0.020	0,50	0.29	7,4
1760	2	12	65/30	0.020	0,50	0.33	8,4
1761	3	12	65/30	0.020	0,50	0.34	8,6