

COMMUNICATION & CONTROL

MULTIPAIR, INDIVIDUALLY FOIL SHIELDED PP/PVC

UL TYPE CM
UL AWM 2493, CSA CMG FT4
300 VOLT

CHARACTERISTICS

OPERATING TEMPERATURE:

- -20°C to 60°C – AWM
- 75°C – CM

VOLTAGE RATING:

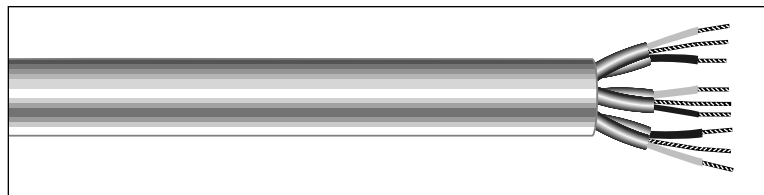
- 300 Volt

COLOR DESCRIPTION:

- Color Code: Chart A Page 374
- Jacket Color: Gray

PRODUCT DESCRIPTION:

- Conductor: Solid or Stranded Tinned Copper
- Insulation: Color-Coded Polypropylene (PP)
- Shield: Individually Foil Shielded Pairs
- Drain Wire: 22 AWG Solid or Stranded Tinned Copper
- Jacket: PVC



60°C 300V - UL 2493 - NEC TYPE CM

22 AWG (0,32mm²), SOLID, Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Pairs	Jacket Thickness		Diameter	
		Inches	mm	Inches	mm
6000C	3	0.045	1,14	0.30	7,6
▲ 6008C	15	0.045	1,14	0.52	13,2

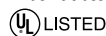
22 AWG (0,35mm²), 7/30 (7x0,25mm,)

Insulation Thickness: 0.010" (0,25mm)

Alpha Part No.	No. of Pairs	Jacket Thickness		Diameter	
		Inches	mm	Inches	mm
6010C	3	0.045	1,14	0.31	8,0
6012C	6	0.045	1,14	0.39	9,9
6014C	9	0.045	1,14	0.46	11,6
6016C	11	0.045	1,14	0.48	12,1
6017C	12	0.045	1,14	0.48	12,3
6018C	15	0.060	1,52	0.56	14,3
6019C	17	0.060	1,52	0.61	15,6
6020C	19	0.060	1,52	0.63	16,0
6022C	27	0.060	1,52	0.68	17,9

SPECIFICATIONS

- UL Type CM, AWM 2493
- CSA CMG FT4
- Passes UL Vertical Tray Flame Test
- † Capacitance between conductors in pair
- †† Capacitance between one conductor and other conductors connected to shields



Passes
UL VW-1 Flame Test



Certified
Canadian Standards Association

AVAILABILITY

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

TYPICAL ELECTRICAL CHARACTERISTICS

Alpha Part No.	Cap.† pF / ft	Cap.†† pF / ft	Impedance @ MHz, Ohms
6000C-6008C	25	50	62
6010C-6022C	28	57	55

NOMINAL ATTENUATION @ 20°C (dB. / 100ft.)

Alpha Part No.	10KHz	100KHz	1MHz	10MHz
6000C-6008C	0.21	0.58	1.70	4.60
6010C-6022C	0.13	0.42	1.40	4.20



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