

COMMUNICATION & CONTROL

MULTICONDUCTOR, FOIL SHIELD

SR-PVC/ PVC

UL TYPE CM
UL AWM 2464, CSA CMG FT4
300 VOLT

APPLICATIONS

- EIA RS-232C Interface
- CAD/ CAM Applications

CHARACTERISTICS

OPERATING TEMPERATURE

- -20° C to 80° C

VOLTAGE RATING:

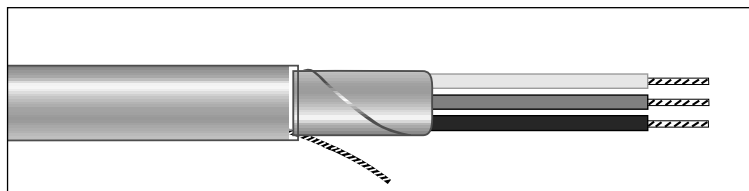
- 300 Volt

COLOR DESCRIPTION:

- Color Code: Chart F Page 376, except 6300/ 3, 6300/ 4, 6300/ 8, 6300/ 10, 6305 and 6306:
1-Black, 2-White, 3-Red, 4-Green, 5-Brown, 6-Blue, 7-Orange, 8-Yellow, 9-Purple, 10-Gray
- Jacket Color: Gray

PRODUCT DESCRIPTION:

- Conductor: Stranded Tinned Copper
- Shield: Aluminum/ Polyester, Foil Facing Out
- Drain Wire: 24, 7/ 32 Tinned Copper
- Insulation: Color-Coded SRPVC
- Jacket: PVC



24 AWG (0,23mm²), 7/ 32 (7x0,20mm)

Alpha Part No.	No. of Cond.	Jacket Thickness		Diameter		Nominal Capacitance			
		Inches	mm	Inches	mm	CDR to CDR	CDR to CDR	CDR to CDR	CDR to CDR
						PF/ FT	PF/ M	PF/ FT	PF/ M
6300/3	3	0.032	0,81	0.162	4,1	33	108	65	213
6300/4	4	0.032	0,81	0.184	4,7	33	108	65	213
6305	5	0.032	0,81	0.189	4,8	33	108	65	213
6306	6	0.032	0,81	0.209	5,3	33	108	65	213
6300/8	8	0.032	0,81	0.224	5,7	33	108	65	213
6300/10	10	0.032	0,81	0.244	6,2	30	98	55	180
6307	15	0.032	0,81	0.284	7,2	30	98	55	180
6308	20	0.032	0,81	0.314	7,9	30	98	55	180
6309	25	0.032	0,81	0.339	8,6	30	98	55	180
6310	30	0.032	0,81	0.380	9,6	30	98	55	180
6311	40	0.032	0,81	0.430	10,9	30	98	55	180
6312	50	0.032	0,81	0.490	12,4	30	98	55	180

SPECIFICATIONS

- UL Type CM
- UL AWM Style 2464
- CSA CMG FT4



Canadian Standards Association

AVAILABILITY

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



Toll Free: 1-800-52 ALPHA • Telephone: 908-925-8000 • Fax: 908-925-6923
Europe/UK Telephone: +44 (0) 1932 772422 • Europe/UK Fax: +44 (0) 1932 772433

Web Site: www.alphawire.com
Email: info@alphawire.com

ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION

Part Number: 6300/10
Page 1 of 1 Pages

Issue: 2
Issue Date: 8/13/2004
Effective Date: 10/8/2004

- A. Construction** Diameters
- 1) Component 1 10 X 1 COND
- a) Conductor 24 (7/32) AWG TC
- b) Insulation 0.010" Wall, Nom. PVC, Semi Rigid 0.044
- (1) Color(s)

Cond	Color	Cond	Color	Cond	Color
1	BLACK	5	BROWN	9	VIOLET
2	WHITE	6	BLUE	10	GRAY
3	RED	7	ORANGE		
4	GREEN	8	YELLOW		

- 2) Cable Assembly 10 Components Bunch Cabled
- a) Twists: 4.8 Twists/foot (min)
- 3) Shield: Alum/Mylar Tape, 25% Overlap, Min.
- a) Foil Direction Foil Facing Out
- b) Drain Wire 24 (7/32) AWG TC
- 4) Jacket 0.032" Wall, Nom., PVC 0.244+/- 0.014
- a) Color(s) GRAY
- b) Print ALPHA WIRE-* P/N 6300/10 10/C 24 AWG
SHIELDED 75C (UL) TYPE CM OR AWM 2464 --- LLXXXXXX
CSA TYPE CMG FT4
* = Factory Code

[Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.]

- B. Industry Approvals**
- 1) UL AWM/STYLE2464 80°C / 300V
 CM 75°C
 VW-1
- 2) CSA International CMG 60°C
 FT4

- C. Physical & Mechanical Properties**
- 1) Temperature Range -20 to 80°C
- 2) Bend Radius 10X Cable Diameter

- D. Electrical Properties**
- 1) Voltage Rating 300 V_{RMS}

- E. Other**
- 1) Packaging
- a) 1000 FT
- b) 500 FT
- c) 100 FT