

# LOCAL AREA NETWORK

## RS-232-C PRE-TERMINATED ASSEMBLIES

300 VOLT, 80°C

MALE-TO-FEMALE ASSEMBLIES/LENGTHS		
Alpha Part Nos.	Ft.	m
DCA 522A-6	6	1,8
DCA 522A-10	10	3,0
DCA 522A-15	15	4,6
DCA 522A-25	25	7,6
DCA 522A-50	50	15,2

MALE-TO-MALE ASSEMBLIES/LENGTHS		
Alpha Part Nos.	Ft.	m
DCA 512A-6	6	1,8
DCA 512A-10	10	3,0
DCA 512A-15	15	4,6
DCA 512A-25	25	7,6
DCA 512A-50	50	15,2

BULK CABLE/STANDARD PUT-UPS		
Alpha Part Nos.	Ft.	m
5199/25C	100	30,5
5199/25C	500	152,4
5199/25C	1000	305,0

### RS-232-C PRE-TERMINATED ASSEMBLIES APPLICATIONS:

- General Purpose EIA RS-232-C Extensions
- Modem Control and Error Detection

### CHARACTERISTICS

#### OPERATING TEMPERATURE:

- 20°C to 80°C

#### VOLTAGE RATING:

- 300 Volt

#### COLOR DESCRIPTION:

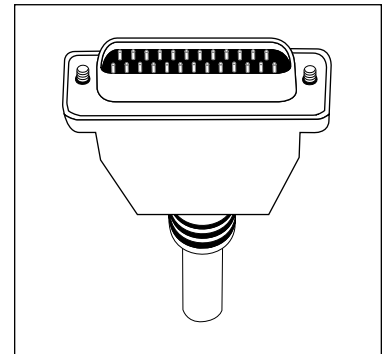
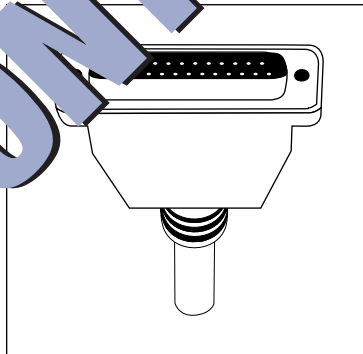
- Refer to Color Description Chart Below

#### PRODUCT DESCRIPTION:

- 25 Cabled Conductors: #22 AWG — 0,36mm<sup>2</sup>, 7/30 (7x0,25mm), Tinned Copper
- 0.009" (0,23mm) Color-Coded SR-PVC Insulation
- Aluminum/Polyester Foil Shield with Copper Drain Wire
- Gray PVC Jacket; Wall Thickness: 0,010" (0,25mm)
- O.D.: 0.380" (9,65mm) Nominal
- Connectors:
  - Current Rating: 4.0 Amps (with #22 AWG Conductor)
  - Dielectric Withstand Voltage: 300 Volts, Minimum
  - Contacts: Gold Over Nickel Plated Beryllium Copper
  - No. of Positions: 25 (Pins or Sockets)
- Cord Configuration:
  - Male Connector, Each End, Fully Pinned
  - Male Connector to a Female Connector, Fully Pinned
- Electrical Specifications:
  - Capacitance: 35 pF/ft. (115 pF/m), Nominal
  - Impedance: 50 Ohms, Nominal
  - Shielding: Pin-to-Pin Shielded

Alpha Wire molded and tested RS-232-C cable assemblies designed to meet the requirements of the EIA RS-232 specification. Alpha Wire cable assemblies assure the end user high quality interconnections between the computer memory and peripherals such as printers, modems, and other peripheral equipment under RS-232-C guidelines. These molded assemblies provide strain relief over conventional RS-232-C cable assemblies.

\*Most terminal interfaces conform to the Electronic Industries Association standard RS-232-C. This standard specifies pin assignments for data (transmit and receive), ground, and other circuits. The RS-232-C specification limits cable lengths to 50 feet or less due to capacitance limitations, but provides the greatest flexibility in equipment connections.



#### COLOR DESCRIPTION CHART

No.	Base Color	1st Stripe	2nd Stripe	No.	Base Color	1st Stripe	2nd Stripe
1	Black	—	—	14	White	Orange	—
2	Brown	—	—	15	White	Yellow	—
3	Red	—	—	16	White	Green	—
4	Orange	—	—	17	White	Blue	—
5	Yellow	—	—	18	White	Violet	—
6	Green	—	—	19	White	Gray	—
7	Blue	—	—	20	White	Black	Brown
8	Violet	—	—	21	White	Black	Red
9	Gray	—	—	22	White	Black	Orange
10	White	—	—	23	White	Black	Yellow
11	White	Black	—	24	White	Black	Green
12	White	Brown	—	25	White	Black	Blue
13	White	Red	—				

### SPECIFICATIONS

- UL Type CM, AWM 2464 — Alpha Part No. 5199/25C
- CSA CMG FT4 — Alpha Part No. 5199/25C

### AVAILABILITY

- 1 piece put-up



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