



## COMPUTER CABLES

### LOW CAPACITANCE

#### UL CLASSIFIED CL2P

NEC 725-38(b)3 CLASS 2

##### DESCRIPTION:

Tinned copper, extruded insulated, twisted pairs,  
with overall alum. mylar shield with 22 (7) AWG  
tinned copper drain wire, jacket

##### APPLICATIONS:

Extruded insulated and paired for low capacitance for  
extended distance peripheral interconnection,  
approved for direct installation in air plenums without conduit  
in accordance with Article 725-2(b) of the national Electric Code,  
UL listed and classified, Subject 13,  
Extended Distance Cable, recommended for use up to 200 feet

##### SUGGESTED WORKING VOLTAGE:

150 volts maximum in accordance with NEC

COLOR CODE: See Chart 11, back cover

OLYMPIC NO.	NUMBER OF PAIRS	NUMBER OF CONDUCTORS	NOMINAL OVERALL DIAMETER	NOM. CAPACITANCE pF/ft*
9500	2	4	.208"	12.5
9501	3	6	.220"	12.5
9502	4	8	.240"	12.5
9503	6	12	.290"	12.5
9504	7	14	.300"	12.5
9505	9	18	.340"	12.5
9506	12 + 1 single	25	.350"	12.5

\* Capacitance between conductors

#### UL CLASSIFIED CL2P

NEC 725-38(b)3 CLASS 2

##### DESCRIPTION:

Tinned copper, extruded insulated, twisted pairs,  
overall alum. mylar and T.C. braid shield with 22 (7) AWG  
tinned copper drain wire, jacket

COLOR CODE: See Chart 11, back cover

OLYMPIC NO.	NUMBER OF PAIRS	NUMBER OF CONDUCTORS	NOMINAL OVERALL DIAMETER	NOM. CAPACITANCE pF/ft*
3929T	2	4	.230"	12.5
3930T	3	6	.240"	12.5
3931T	4	8	.249"	12.5
9404T	6	12	.281"	12.5
3938T	25	50	.427"	12.5

#### PLENUM CABLE

RS-232, RS-232-C, RS-422 and RS-485  
Power Limited Circuit Cable-Class 2  
24 Gage Stranded Conductors (7x32)

PLENUM CABLE  
RS-232 and RS-422 Computer Cable  
Overall Foil and Braid Shields

## CHART No. 9 Standard Telephone Color Coding

### TIP AND RING BAND MARKING COLOR CODE

**Color Coding:** Individual pairs are color coded by using solid colored wires or by applying colored bands of contrasting color to solid colored wires. Color combinations are such that each wire is banded with the color of its mate (e.g., in a blue and white pair, the blue wire has a white band and the white wire has a blue band). The band marked color code is shown in the table below.

### Pair Color Code

PAIR NO.	TIP	RING	PAIR NO.	TIP	RING
1	White-Blue	Blue-White	14	Black-Brown	Brown-Black
2	White-Orange	Orange-White	15	Black-Slate	Slate-Black
3	White-Green	Green-White	16	Yellow-Blue	Blue-Yellow
4	White-Brown	Brown-White	17	Yellow-Orange	Orange-Yellow
5	White-Slate	Slate-White	18	Yellow-Green	Green-Yellow
6	Red-Blue	Blue-Red	19	Yellow-Brown	Brown-Yellow
7	Red-Orange	Orange-Red	20	Yellow-Slate	Slate-Yellow
8	Red-Green	Green-Red	21	Violet-Blue	Blue-Violet
9	Red-Brown	Brown-Red	22	Violet-Orange	Orange-Violet
10	Red-Slate	Slate-Red	23	Violet-Green	Green-Violet
11	Black-Blue	Blue-Black	24	Violet-Brown	Brown-Violet
12	Black-Orange	Orange-Black	25	Violet-Slate	Slate-Violet
13	Black-Green	Green-Black			

**Cable Assembly:** In cables having 25 pairs or less, the twisted pairs are assembled to form a substantially cylindrical core. In cables having more than 25 pairs, the pairs are arranged in groups, each containing a maximum of 25 pairs, each group with similar colors but wrapped with distinctively colored binder threads to permit distinction between groups. Binder thread color codes are shown in the table below.

### Binder Thread Color Code

#### BINDER NO. BINDER COLOR

1	White-Blue
2	White-Orange

#### BINDER NO. BINDER COLOR

3	White-Green
4	White-Brown

## CHART No. 10 \*

\* Color code repeats after 36 conductors

CON NO.	INSUL. COLOR	STRIPE COLOR	CON NO.	INSUL. COLOR	STRIPE COLOR	CON NO.	INSUL. COLOR	STRIPE COLOR
1	Black	—	13	Blue	Red	25	Yellow	Orange
2	Red	—	14	Orange	Red	26	Brown	Orange
3	Blue	—	15	Yellow	Red	27	Black	Yellow
4	Orange	—	16	Brown	Red	28	Red	Yellow
5	Yellow	—	17	Black	Blue	29	Blue	Yellow
6	Brown	—	18	Red	Blue	30	Orange	Yellow
7	Red	Black	19	Orange	Blue	31	Brown	Yellow
8	Blue	Black	20	Yellow	Blue	32	Black	Brown
9	Orange	Black	21	Brown	Blue	33	Red	Brown
10	Yellow	Black	22	Black	Orange	34	Blue	Brown
11	Brown	Black	23	Red	Orange	35	Orange	Brown
12	Black	Red	24	Blue	Orange	36	Yellow	Brown

### CHART No. 11

Pair #1. Black Yellow	Pair #5. Black/White White/Black	Pair #9. Yellow/White White/Yellow
Pair #2. Red Violet	Pair #6. Brown/White White/Brown	Pair #10. Green/White White/Green
Pair #3. Blue Brown	Pair #7. Red/White White/Red	Pair #11. Blue/White White/Blue
Pair #4. Orange Green	Pair #8. Orange/White White/Orange	Pair #12. Violet/White White/Violet
		Plus one: Green/Yellow

### CHART No. 12

1. Black paired with Black/White
  2. White paired with White/Black
  3. Red paired with White/Red
  4. Green paired with White/Green
  5. Brown paired with White/Brown
  6. Blue paired with White/Blue
  7. Orange paired with White/Orange
  8. Yellow paired with White/Yellow
  9. Violet paired with White/Violet
  10. Gray paired with White/Gray
  11. Pink paired with White/Pink
  12. Tan paired with White/Tan
- Single: Green/Yellow

