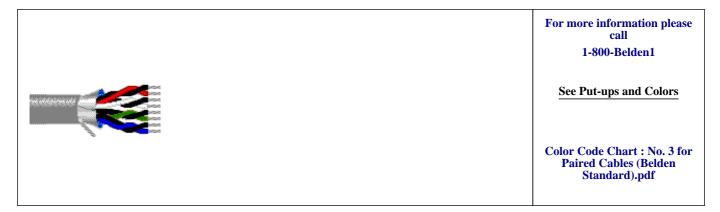


# 9504 Paired - Computer Cables for EIA RS-232 Applications



#### **Description:**

24 AWG stranded (7x32) tinned copper conductors, twisted pairs, S-R PVC insulated, 100% Beldfoil® shield, 24 AWG stranded (7x32) tinned copper drain wire, PVC jacket.

## PHYSICAL CHARACTERISTICS:

#### CONDUCTOR:

Number of Pairs	4
Total Number of Conductors	8
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

### **INSULATION:**

Insulation Material S-R PVC - Semi-Rigid Polyvinyl Chloride

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	3	Black & Green
2	Black & White	4	Black & Blue

## **OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %
OUTER SHIELD DRAIN WIRE :	
Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper
OUTER JACKET:	
Outer Jacket Material	PVC - Polyvinyl Chloride

### **OVERALL NOMINAL DIAMETER:**



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Overall Nominal Diameter	.265 in.
MECHANICAL CHARACTERISTICS:	
Operating Temperature Range	-30°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	33.3 lbs/1000 ft.
Max. Recommended Pulling Tension	44 lbs.
Min. Bend Radius (Install)	2.75 in.
APPLICABLE SPECIFICATIONS AND AGENCY	COMPLIANCE:
APPLICABLE STANDARDS:	
NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
CSA Specification	AWM I A
FLAME TEST:	
UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4
PLENUM/NON-PLENUM:	
Plenum (Y/N)	Ν
Plenum Number	89504, 82504
ELECTRICAL CHARACTERISTICS:	
Nom. Characteristic Impedance	75 Ohms
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	50 pF/ft
Nominal Velocity of Propagation	60 %
Nom. Conductor DC Resistance @ 20 Deg. C	24 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	17 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	1.5 Amps per conductor @ 25°C

# PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9504 060100	4 PR #24 PVC FS PVC	100	4	CHROME	
9504 0601000	4 PR #24 PVC FS PVC	1000	36	CHROME	С
9504 060500	4 PR #24 PVC FS PVC	500	18	CHROME	
9504 060U1000	4 PR #24 PVC FS PVC	U1000	35	CHROME	



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200.0000000	4 PR #24 PVC FS PVC	U500	17.5	CHROME	

C = CRATE REEL PUT-UP.

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