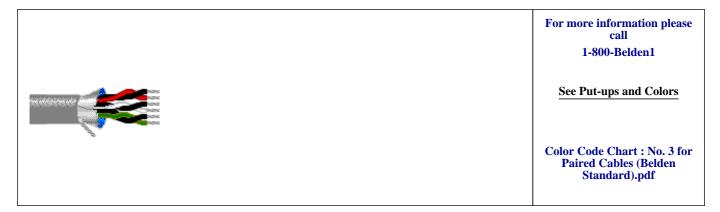


# 9503 Paired - Computer Cables for EIA RS-232 Applications



#### **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	3
Total Number of Conductors	6
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper
INSULATION:	
Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Lay Length	1.5 in.
Twists/ft.	8

#### Pair Color Code Chart :

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

### **OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Таре
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %
OUTED CHIELD DDAIN WIDE .	
<b>OUTER SHIELD DRAIN WIRE :</b>	
Outer Shield Drain Wire AWG	24
	24 7x32

#### **OUTER JACKET:**



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$O \leftarrow I \perp (M \leftarrow 1)$				
Duter Jacket Material     PVC - Polyvinyl Chloride				
OVERALL NOMINAL DIAMETER:				
Overall Nominal Diameter	.232 in.			
MECHANICAL CHARACTERISTICS:				
Operating Temperature Range	-30°C To +80°C			
UL Temperature Rating	80°C (UL AWM Style 2464)			
Bulk Cable Weight	27.1 lbs/1000 ft.			
Max. Recommended Pulling Tension	33 lbs.			
Min. Bend Radius (Install)	2.5 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			
UL Flame Test C(UL) Flame Test	UL1581 Vertical Tray FT4			
C(UL) Flame Test				
C(UL) Flame Test PLENUM/NON-PLENUM:	FT4			
C(UL) Flame Test <b>PLENUM/NON-PLENUM:</b> Plenum (Y/N)	FT4 N			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number	FT4 N			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number ELECTRICAL CHARACTERISTICS:	FT4 N 89503, 82503			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number ELECTRICAL CHARACTERISTICS: Nom. Characteristic Impedance	FT4 N 89503, 82503 75 Ohms			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number PLECTRICAL CHARACTERISTICS: Nom. Characteristic Impedance Nom. Capacitance Conductor to Conductor @ 1 KHz	FT4 N 89503, 82503 75 Ohms 30 pF/ft			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number bLECTRICAL CHARACTERISTICS: Nom. Characteristic Impedance Nom. Capacitance Conductor to Conductor @ 1 KHz Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	FT4 N 89503, 82503 75 Ohms 30 pF/ft 50 pF/ft			
C(UL) Flame Test PLENUM/NON-PLENUM: Plenum (Y/N) Plenum Number DELECTRICAL CHARACTERISTICS: Nom. Characteristic Impedance Nom. Capacitance Conductor to Conductor @ 1 KHz Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz Nominal Velocity of Propagation	FT4 N 89503, 82503 75 Ohms 30 pF/ft 50 pF/ft 60 %			
C(UL) Flame TestPLENUM/NON-PLENUM:Plenum (Y/N)Plenum NumberELECTRICAL CHARACTERISTICS:Nom. Characteristic ImpedanceNom. Capacitance Conductor to Conductor @ 1 KHzNom. Cap. Cond. to Other Cond. & Shield @ 1 KHzNominal Velocity of PropagationNom. Conductor DC Resistance @ 20 Deg. C	FT4 N 89503, 82503 75 Ohms 30 pF/ft 50 pF/ft 60 % 24 Ohms/1000 ft			

## PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9503 060100	3 PR #24 PVC FS PVC	100	3.4	CHROME	
9503 0601000	3 PR #24 PVC FS PVC	1000	30	CHROME	С
9503 060500	3 PR #24 PVC FS PVC	500	15	CHROME	С



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9503 060U1000	3 PR #24 PVC FS PVC	U1000	29	CHROME	
	3 PR #24 PVC FS PVC	U500	14.5	CHROME	

C = CRATE REEL PUT-UP.

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