



**Part Number:** 9507

RS-232, #24-7pr, SR-PVC, O/A Foil, PVC Jkt, CMG, 75Ω

## Product Description

Computer EIA RS-232 Cable, 24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire (continued), PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
24	7x32	TC - Tinned Copper	7
<b>Total Number of Conductors:</b>			14

#### Insulation:

Material	Nominal Wall Thickness
S-R PVC - Semi-Rigid Polyvinyl Chloride	0.011 in

#### Color Chart 1:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown
7	Black & Orange
12	

## Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	Beldfoil®	100 %	TC - Tinned Copper	24	7x32 mm

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.294 mm	0.032 mm

## Electrical Characteristics

### Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR	Nominal Outer Shield DCR
12 Ohm/1000ft	24 Ohm/km	16.5 Ohm/km

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
30 pF/m	50 pF/m

### Delay:

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
60 ns/100m	60 %

### Current:

Max. Recommended Current [A]
1.5 Amps per conductor @ 25°C

### Voltage:

UL Voltage Rating
300V RMS

## Use

Max Recommended Pulling Tension:	77 lbs
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## Safety

C(UL) Flammability:	FT4
UL Flammability:	UL1685 FT4 Loading

## Temperature Range

Non-UL Temp Rating:	80°C (UL AWM Style 2464)
Operating Temp Range:	-30°C To +80°C

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3 in
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## Part Number

Plenum (Y/N):	No
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## Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
CSA AWM Specification:	AWM I A
MII Order #39 (China RoHS):	Yes
NEC/(UL) Specification:	CMG
UL AWM Style:	2464 (300 V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

## History

## Product Variants

Part Number	Color	Put-Up Type	Length
9507 0601000	CHROME	Reel	1000 ft
9507 060100	CHROME	Reel	100 ft
9507 060500	CHROME	Reel	500 ft
9507 060U1000	CHROME	UnReel	1000 ft
9507 060U500	CHROME	UnReel	500 ft
9507.00305			
9507.00U152			
9507.00U305			
9507.01152			

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