Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9503 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire, PVC jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
3	24	7x32	TC - Tinned Copper

Total Number of Conductors:

Insulation

Insulation Material:

	Insulation Material	Wall Thickness (mm)
ı	S-R PVC - Semi-Rigid Polyvinyl Chloride	0.279

Outer Shield

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Таре	Aluminum Foil-Polyester Tape	100

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
24	7x32	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.813

Overall Cable

Overall Nominal Diameter: 5.893 mm

Pair

Pair Color Code Chart:

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

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	38.693 Kg/Km
Max. Recommended Pulling Tension:	146.791 N
Min. Bend Radius/Minor Axis:	63.500 mm

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DES CMG CMG UL Style 2464 (300 V 80°C) AWM I A
CMG UL Style 2464 (300 V 80°C)
UL Style 2464 (300 V 80°C)
AWMIA
Yes
Yes
Yes
Yes
04/01/2005
Yes
Yes
Yes
Yes
UL1685 FT4 Loading
FT4
No
89503, 82503

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
75	٦

Nom. Capacitance Conductor to Conductor:



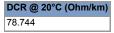
Nom. Capacitance Cond. to Other Conductor & Shield:



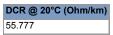
Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:



Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current 1.76 Amps per conductor @ 25°C

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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9503 060U1000	305 MT	12.701 KG	CHROME		3 PR #24 PVC FS PVC
9503 060U500	152 MT	6.804 KG	CHROME		3 PR #24 PVC FS PVC
9503 060100	30 MT	1.542 KG	CHROME		3 PR #24 PVC FS PVC
9503 0601000	305 MT	13.608 KG	CHROME	С	3 PR #24 PVC FS PVC
9503 060500	152 MT	6.577 KG	CHROME	С	3 PR #24 PVC FS PVC
9503 0605000	1,524 MT	63.503 KG	CHROME	С	3 PR #24 PVC FS PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-25-2012

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