Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



9943 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) TC conductors, S-R PVC insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

	# Conductors	AWG	Stranding	Conductor Material
1	7	22	7x30	TC - Tinned Copper

Total Number of Conductors: 7

Insulation

Insulation Material:

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

Outer Shield

Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape Aluminum Foil-Polyester Tape		100.000
2		Braid	TC - Tinned Copper	70.000

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.889

Overall Cable

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter: 6.223 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C	
UL Temperature Rating:	80°C (UL AWM Style 2464)	
Bulk Cable Weight:	63.993 Kg/Km	
Min. Bend Radius/Minor Axis:	63.500 mm	

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

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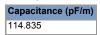


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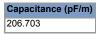
CMG
UL Style 2464 (300 V 80°C)
Yes
Yes
Yes
Yes
10/01/2005
Yes
Yes
Yes
Yes
UL1685 FT4 Loading
FT4
No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



Nom. Capacitance Cond. to Other Conductor & Shield:



Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 48.2307

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 22.967

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
2.1 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9943 060100	30 MT	2.268 KG	CHROME		7 #22 PVC SH PVC
9943 0601000	305 MT	20.865 KG	CHROME	С	7 #22 PVC SH PVC
9943 060500	152 MT	10.659 KG	CHROME	С	7 #22 PVC SH PVC
9943 0605000	1,524 MT	102.059 KG	CHROME		7 #22 PVC SH PVC

Notes:

C = CRATE REEL PUT-UP.

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