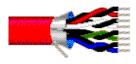
Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

89505 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



Description:

24 AWG stranded (7x32) tinned copper conductors, plenum, FEP insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, FEP jacket.

Physical Characteristics (Overall)	
Conductor AWG:	
# Pairs AWG Stranding Conductor Material	
5 24 7x32 TC - Tinned Copper	
Insulation	
Insulation Material:	
Insulation Material Wall Thickness (in	•)
FEP - Fluorinated Ethylene Propylene .006	
Outer Shield	
Outer Shield Material:	
Outer Shield Trade Name Type Outer Shield Material	Coverage (%)
Beldfoil® Tape 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 Thickne	ess (in.)
FEP - Fluorinated Ethylene Propylene .014	
Overall Cable	
Overall Nominal Diameter:	0.197 in.
Pair	
Pair Color Code Chart:	
Number Color	
1 Black & White	
2 Black & Red	
3 Black & Green	
4 Black & Blue 5 Black & Yellow	
Pair Lay Length & Direction:	
Lay Length (in.) 2.500	
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-70°C To +200°C
Bulk Cable Weight:	30.400 lbs/1000 ft.

Bulk Cable Weight: 30.400 lbs/1000 ft. Max. Recommended Pulling Tension: 61 lbs. Min. Bend Radius (Install)/Minor Axis: 2 in.

Detailed Specifications & Technical Data



89505 Multi-Conductor - Computer Cable for EIA RS-232 Applications

Applicable Specifications and Agency Co	ompliance (Overall)
Applicable Standards & Environmental Prog	rams
NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes
Flame Test	
UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6
Plenum/Non-Plenum	
Plenum (Y/N):	Yes
Non-Plenum Number:	9505
Electrical Characteristics (Overall)	
Nom. Inductance:	
Inductance (µH/ft) .17	
Nom. Capacitance Conductor to Conductor:	
Capacitance (pF/ft) 21	

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

40

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

24.1

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.5 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

ltem #	Putup	Ship Weight	Color	Notes	Item Desc
89505 002100	100 FT	4.900 LB	RED	С	5 PR #24 FEP FS FEP

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

89505 Multi-Conductor - Computer Cable for EIA RS-232 Applications

89505 0021000 1,000 FT 33.000 LB	RED C	5 PR #24 FEP FS FEP
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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-17-2008

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