

## 88104 Multi-Conductor - Low Cap. Computer Cable for EIA RS-232/422/485 Applications



For more Information  
please call

1-800-Belden1

**Description:**

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

**Physical Characteristics (Overall)****Conductor****AWG:**

# Pairs	AWG	Stranding	Conductor Material
4	24	7x32	TC - Tinned Copper

**Insulation****Insulation Material:**

Insulation Material
FFEP - Foam Fluorinated Ethylene Propylene

**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
PVDF - Fluorocopolymer

**Overall Cable**

Overall Nominal Diameter: 0.259 in.

**Pair****Pair Color Code Chart:**

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White
3	White/Green & Green/White
4	White/Brown & Brown/White

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +150°C
Bulk Cable Weight:	34.400 lbs/1000 ft.
Max. Recommended Pulling Tension:	49 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.600 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CMP

## 88104 Multi-Conductor - Low Cap. Computer Cable for EIA RS-232/422/485 Applications

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 &amp; 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

## Electrical Characteristics (Overall)

## Nom. Characteristic Impedance:

Impedance (Ohm)

100

## Nom. Inductance:

Inductance (μH/ft)

0.21

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

12.95

## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)

23.3

## Nominal Velocity of Propagation:

VP (%)

78

## Nominal Delay:

Delay (ns/ft)

1.3

## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

24

## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

14

## Max. Operating Voltage - UL:

Voltage

300 V RMS

## Max. Recommended Current:

Current

1.54 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

**88104 Multi-Conductor - Low Cap. Computer Cable for EIA RS-232/422/485 Applications****Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
88104 0081000	1,000 FT	38.000 LB	GRAY	C	4#24 PR FS SOLEF
88104 008500	500 FT	17.000 LB	GRAY	C	4#24 PR FS SOLEF

**Notes:**

C = CRATE REEL PUT-UP.

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