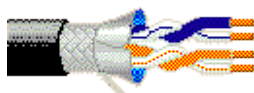


89696 Multi-Conductor - Low Capacitance Computer and Computer P.O.S. Cable



For more Information
please call

1-800-Belden1

**Description:**

22 AWG solid BC conductors, plenum, solid FEP insulation, twisted pairs, overall Beldfoil (100% coverage)
+ TC braid shield (55% coverage), 22 AWG solid TC drain wire, FEP jacket.

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

# Pairs	AWG	Stranding	Conductor Material
2	22	Solid	BC - Bare Copper

Insulation**Insulation Material:**

Insulation Trade Name	Insulation Material
Teflon®	Solid FEP - Solid Fluorinated Ethylene Propylene

Outer Shield**Outer Shield Material:**

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	55

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Solid	TC - Tinned Copper

Outer Shield Separator Material: Polyester Tape

Outer Jacket**Outer Jacket Material:**

Outer Jacket Trade Name	Outer Jacket Material
Teflon®	FEP - Fluorinated Ethylene Propylene

Overall Cable

Overall Nominal Diameter: 0.262 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Blue & White with Blue Stripe
2	Orange & White with Orange Stripe

Mechanical Characteristics (Overall)

Operating Temperature Range:	-70°C To +200°C
Bulk Cable Weight:	41.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	65 lbs.
Min. Bend Radius (Install)/Minor Axis:	5.500 in.

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

NEC/(UL) Specification: CMP

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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:	9696

Surface Printing (Overall)

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
100

Nom. Inductance:

Inductance (μH/ft)
.15

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
15.5

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
27

Nominal Velocity of Propagation:

VP (%)
69.5

Nominal Delay:

Delay (ns/ft)
1.46

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
16.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.2

Max. Attenuation:

()	Freq. (MHz)
.4	.3
.53	.6
.65	1.0
.78	1.5

Max. Operating Voltage - UL:

89696 Multi-Conductor - Low Capacitance Computer and Computer P.O.S. Cable**Voltage**

300 V RMS

Notes (Overall)

Notes: Teflon® is a registered trademark of E. I. duPont de Nemours and Co. used under license by Belden, Inc.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
89696 0101000	1,000 FT	46.000 LB	BLACK	C	2 PR #22 FEP SH FEP

Notes:

C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.