

9855 Multi-Conductor - Computer P.O.S. Cable

For more Information
please call

1-800-Belden1

**Description:**

22 AWG solid TC conductors, polyethylene insulation, twisted pairs, overall Beldfoil® shield (100% coverage) + TC braid (58% coverage), 22 AWG solid TC drain wire, PVC jacket.

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

# Pairs	AWG	Stranding	Conductor Material
2	22	Solid	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material
PE - Polyethylene

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	58

Outer Shield Drain Wire AWG:

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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.270 in.

Pair**Pair Color Code Chart:**

Number	Color
1	Red & Blue
2	Black & Yellow

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2582)
Bulk Cable Weight:	41.100 lbs/1000 ft.
Max. Recommended Pulling Tension:	63.800 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.700 in.

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

NEC/(UL) Specification: CM

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CEC/C(UL) Specification:	CM
AWM Specification:	UL Style 2582 (150 V 60°C)
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):	01/01/2004
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:	UL1685 UL Loading
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Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	89855

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)
100

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
15.5

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
27.5

Nominal Velocity of Propagation:

VP (%)
66

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

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
.30	.4
.6	.53
1.0	.65
1.5	.78

Max. Recommended Current:

Current
2.3 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
9855 0101000	1,000 FT	40.000 LB	BLACK	C	2 PR #22 PE SHLD PVC
9855 01010000	10,000 FT	410.000 LB	BLACK	C Y	2 PR #22 PE SHLD PVC
9855 010500	500 FT	18.500 LB	BLACK	C	2 PR #22 PE SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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