



Product: [9855](#)

POS Cable, #22-2pr, TC, PO, O/A Foil+55% TC Braid, PVC Jkt, CM

### Product Description

Computer POS Cable, 22 AWG solid tinned copper conductors, solid PO insulation, twisted pairs, overall Beldfoil® (100% coverage) + tinned copper braid shield (55% coverage) + polyester tape, 22 AWG solid tinned copper drain wire, PVC jacket, CM rated

### Technical Specifications

#### Product Overview

Suitable Applications:	point of sale; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...)
------------------------	--

#### Construction Details

##### Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	22 AWG	Solid	TC - Tinned Copper

##### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene	0.019 in (0.48 mm)	0.064 in (1.6 mm)	Red & Blue, Yellow & Black

##### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (Solid) TC
Braid	Tinned Copper (TC)	61%	

##### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.033 in (0.84 mm)	0.270 in	Yes

Overall Cable Diameter (Nominal):	0.270 in
-----------------------------------	----------

#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
20.6 Ohm/1000ft	15.5 pF/ft (50.9 pF/m)	27.5 pF/ft (90.2 pF/m)	100 Ohm	66%	4.8 Amps per Conductor at 30°C

##### Voltage

UL Voltage Rating
300 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
60°C	-20°C to 60°C

##### Bend Radius

Stationary Min.	Installation Min.

2.70 in (68.6 mm) 2.70 in

Max. Pull Tension:	65.04 lbs (29.50 kg)
Bulk Cable Weight:	37 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor, Indoor
Flammability / Reaction to Fire:	UL 1685 UL loading
CPR Compliance:	CPR Euroclass: Fca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2582
CEC / C(UL) Compliance:	CM
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	89855

## History

Update and Revision:	Revision Number: 0.208 Revision Date: 05-05-2023
----------------------	--

## Part Numbers

### Variants

Item #	Color	UPC	Footnote
9855 0101000	Black	612825259657	C
9855 01010000	Black	612825259664	C Y
9855 010500	Black	612825259671	C

© 2023 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.