


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 Impedance	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

Nom Outer Shield DCR: 4.2 Ohm/1000ft (14 Ohm/km)

High Frequency (Nominal/Typical)

Frequency	Nom. Insertion Loss (Attenuation) [dB/100ft]
0.3	0.4
0.6	0.53
1	0.65
1.5	0.78

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: 0.212 Revision Date: 09-07-2025
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Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP., Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.
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