Belden



Product: 82444

Electronic, 4 C #22 Str TC, FEP Ins, PVC Jkt, CMP

Request Sample

Product Description

Electronic Cable, 4 Conductor 22AWG (7x30) Tinned Copper, FEP Insulation, PVC Outer Jacket, CMP

Technical Specifications

Product Overview

Suitable Applications:	indoor plenum applications; low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, …); line level audio; voice communications; panel wiring

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
FEP - Fluorinated Ethylene Propylene	0.0065 in (0.17 mm)	0.042 in (1.1 mm)	Black, White, Red, Green

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.134 in (3.40 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
15 Ohm/1000ft	18 pF/ft (59 pF/m)	3.3 Amps per Conductor at 25ºC (10°C Temperature Rise)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
0°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
1.34 in (34.0 mm)	1.34 in (34.0 mm)

Max. Pull Tension:	36 lbs (16 kg)
Bulk Cable Weight:	15 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor
Flammability / Reaction to Fire:	NFPA 262, FT6

CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	8444

History

Update and Revision:	Revision Number: 0.493 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
82444 877U500	Natural	UnReel	500 ft	612825197102	
82444 8771000	Natural	Reel	1,000 ft	612825197119	C
82444 877U1000	Natural	UnReel	1,000 ft	612825197096	

Footnote:	C - CRATE REEL PUT-UP.

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