Belden



Product: 8728

Special Audio, 2 Pair 22 AWG TC, Shielded, CM

Request Sample

Product Description

Audio, 2 Pair 22 AWG stranded (7x30) TC conductors, polypropylene insulation, cabled in pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wires, CM, PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, …); line level audio; computer communication; panel wiring

Construction Details

Conductor

Size	Stranding	Material
22	7x30	TC - Tinned Copper

Insulation

Material	Nom. Insulation Diameter	Color Code
PP - Polypropylene	0.05 in (1.3 mm)	Black & Red, White & Green

Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
Tape	Polyester	100%

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.028 in (0.71 mm)	0.215 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Inductance	Nom. Velocity of Prop.	Max. Current
17 Ohm/1000ft (56 Ohm/km)	35 pF/ft (110 pF/m)	62 pF/ft (200 pF/m)	50 Ohm	0.18 µH/ft (0.59 µH/m)	66%	2.3 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 2717)

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C (UL AWM Style 2717)	-20°C To +80°C

Max. Pull Tension:	36.4 lbs (16.5 kg)
Bulk Cable Weight:	28 lbs/1000ft (42 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca; CPR UKCA Class: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2717 (300 V 80°C)
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)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	Each pair Beldfoil« shielded with individual drain wire plus a polyester film over each shield.

History

Update and Revision:	Revision Number: 0.521 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8728 060500	Chrome	Reel	500 ft	612825214687	C
8728 060U500	Chrome	UnReel	500 ft	612825214755	
8728 0601000	Chrome	Reel	1,000 ft	612825214670	C
8728 060U1000	Chrome	UnReel	1,000 ft	612825214656	
8728 0605000	Chrome	Reel	5,000 ft	612825214649	C

Footnote:	C - CRATE REEL PUT-UP.

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