



Product: [8728](#)

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

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### 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
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#### 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 Impedance	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	66%	2.3 Amps per Conductor at 25°C

##### 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.
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## History

Update and Revision:	Revision Number: 0.517 Revision Date: 01-20-2023
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## Part Numbers

### Variants

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

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