



Product: [8788](#)



Audio, Control and Instrumentation, 5 Conductor 22 AWG (3C Indiv. Shielded Quads; 2C Unshielded), CM

Product Description

22 AWG stranded (7x30) TC conductors, PVC insulation, (2) conductors unshielded, (3) conductors cabled and separately Beldfoil® Shielded (100% Coverage) with TCB solid 29 AWG drain wires, 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

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	22 AWG	7x30	TC - Tinned Copper
Conductor(s)	2	22 AWG	7x30	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0155 in (0.394 mm)	0.060 in (1.5 mm)	Black (shielded), Red (shielded), Green (shielded)
Conductor(s)	PVC - Polyvinyl Chloride	0.0155 in (0.394 mm)	0.060 in (1.5 mm)	Yellow, LBlue

Inner Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
	No Shield	

Table Notes:	Non-hygroscopic Filler
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Outer Shield

Material
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	.028 in (0.71 mm)	0.236 in	Yes

Overall Cable Diameter (Nominal):	0.236 in.
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
17.8 Ohm/1000ft	34 pF/ft (110 pF/m)	3 Amps per Conductor at 25°C
		3 Amps per Conductor at 25°C (22 AWG)

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.
2.36 in (59.9 mm)	2.36 in

Max. Pull Tension:	45.5 lbs (20.6 kg)
Bulk Cable Weight:	31 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	UL 1685 UL Loading
NEC / UL Compliance:	Article 800, CM
European Directive Compliance:	EU CE Mark

Product Notes

Notes:	(2) Unshielded conductors cabled around a non-hygroscopic filler. Drain wire for each conductor is tinned cadmium bronze ribbon under 100% Beldfoil« shield coverage.
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History

Update and Revision:	Revision Number: 0.346 Revision Date: 12-20-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8788 060500	Chrome	Reel	500 ft	612825216445

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