

Product: <u>8788</u> ☑



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

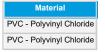
Product Overview

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	3
22	7x30	TC - Tinned Copper	2
Condu	ctor Count:	5	

Insulation



Color Chart

Number	Color
1	Black (shielded)
2	Red (shielded)
3	Green (shielded)
4	
5	

Color Chart 2



Inner Shield Material

- 1	Table	Notes:	Non-hyar	neconic Filler			
		No Shield		100%			
	Таре	Alum / Poly	Beldfoil®	100%	TCB - Tinned Cadmium Bronze	29	Solid
	Type	Material	Material Trade Name	Coverage [%]	Dialitwire material	Dialliwire AWG	Drainwire Construction if X D

Outer Shield Material



Outer Jacket Material

Material Nominal Diameter

Construction and Dimensions

Cabling

Filler
Non-hygroscopic Inner Shield Filling Compound

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Inner Shield DCR
15 Ohm/1000ft	38 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor 34 pF/ft

Current

Max. Recommended Current [A]
2.1 Amps per Conductor at 25°C

Voltage

UL Voltage Rating 300 V RMS

Electrical Characteristics Notes: Nom. Capacitance Shield to Shield: 125 pF/ft

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	31 lbs/1000ft
Max. Pull Tension:	45.5 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC/(UL) Compliance: CM

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive Compliance:	EU Directive 2011/65/EU (ROHS II)
EU CE Mark:	Yes

Suitability

Suitability - Indoor: Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading, VW-1
UL voltage rating:	300 V RMS

Part Number

Variants

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

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.

History

Update and Revision:

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