

8788 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information
please call

1-800-Belden1

Description:

22 AWG stranded (7x30) TC conductors, PVC insulation, (3) conductors cabled and separately Beldfoil® Shielded (100% Coverage) with drain wires, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
5	22	7x30	TC - Tinned Copper

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.015

Insulation Resistance:

100 Megaohms/1000 ft. @ 500 V DC

Inner Shield**Inner Shield Material:**

Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Conductor Material
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Over Black Conductor
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Over Red Conductor
Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Over Green Conductor
		Unshielded		Yellow
		Unshielded		Blue

Inner Shield Drain Wire AWG:

AWG
29

Inner Shield Drain Wire Stranding:

Solid

Inner Shield Drain Wire Conductor Material:

TCB - Tinned Cadmium Bronze

Inner Shield Filling Compound:

Non-hygroscopic

Outer Shield**Outer Shield Material:**

Outer Shield Material
Unshielded

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.028

Overall Cable**Overall Cabling Lay Length & Direction:**

Length (in.)	Twists (ft.)
6.14	1.9

Overall Cabling Color Code Chart:

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

Overall Nominal Diameter:

0.236 in.

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Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Non-UL Temperature Rating:	60°C
Bulk Cable Weight:	31 lbs/1000 ft.
Max. Recommended Pulling Tension:	45.500 lbs.
Min. Bend Radius (Install)/Minor Axis:	2.500 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification:	CM
EU CE Mark:	Yes

Flame Test

UL Flame Test:	UL1685 UL Loading, VW-1
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Electrical Characteristics (Overall)**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)

34

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

38

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.1 Amps per conductor @ 25°C

Notes (Overall)

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. Nom. Capacitance Shield to Shield: 125.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8788 060500	500 FT	15.500 LB	CHROME		5 #22 PVC FS PVC

Revision Number: 1 Revision Date: 05-14-2007

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.