

8444 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, PVC Jacket.

Physical Characteristics (Overall)	
Conductor	
AWG: # Conductors AWG Stranding Conductor Material	
4 22 7x30 TC - Tinned Copper	
Total Number of Conductors:	4
Insulation Insulation Material:	
Insulation Material Wall Thickness (mm)	
PVC - Polyvinyl Chloride 0.279	
Outer Shield	
Outer Shield Material:	
Outer Shield Material	
Unshielded	
Outer Jacket	
Outer Jacket Material:	
Outer Jacket Material Nom. Wall Thickness (mm)	
PVC - Polyvinyl Chloride 0.8128	
Overall Cable	
Overall Cabling Lay Length & Direction:	
Length (mm) Direction Twists (twist/m)	
69.850 Left Hand 14.436	
Overall Cabling Color Code Chart:	
Color	
Black White	
Red	
Green	
	4.000
Overall Nominal Diameter:	4.699 mm
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2576)
Bulk Cable Weight:	31.252 Kg/Km
Max. Recommended Pulling Tension:	155.687 N
Min. Bend Radius/Minor Axis:	50.800 mm
Applicable Specifications and Agency Co	mpliance (Overall)

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs CMG

NEC/(UL) Specification:

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

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NEC Articles:	800			
CEC/C(UL) Specification:	CMG			
AWM Specification:	UL Style 2576 (150 V 80°C)			
CSA Specification:	FT4			
EU Directive 2011/65/EU (ROHS II):	Yes			
EU CE Mark:	Yes			
EU Directive 2000/53/EC (ELV):	Yes			
EU Directive 2002/95/EC (RoHS):	Yes			
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005			
EU Directive 2002/96/EC (WEEE):	Yes			
EU Directive 2003/11/EC (BFR):	Yes			
CA Prop 65 (CJ for Wire & Cable):	Yes			
MII Order #39 (China RoHS):	Yes			
Flame Test				
UL Flame Test:	UL1685 FT4 Loading			
CSA Flame Test:	FT4			
Suitability				
Suitability - Indoor:	Yes			
Plenum/Non-Plenum				
Plenum (Y/N):	No			
Plenum Number:	88444, 82444			
ectrical Characteristics (Overall)				
Nom. Inductance:				
Inductance (µH/m)				
0.55777				
Nom. Capacitance Conductor to Conductor: Capacitance (pF/m)				
111.554				
Nom. Conductor DC Resistance:				
DCR @ 20°C (Ohm/km)				
51.1836				
Voltage Description				
51.1836 Max. Operating Voltage - UL:				
lax Bocommonded Current:				

Max. Recommended Current:

 Description
 Current

 10C Temperature Rise
 2.4 Amps per conductor @ 25°C ambient

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8444 060U1000	1,000 FT	21.000 LB	CHROME		4 #22 PVC PVC
8444 060U500	500 FT	11.000 LB	CHROME		4 #22 PVC PVC
8444 060100	100 FT	2.700 LB	CHROME		4 #22 PVC PVC
8444 0601000	1,000 FT	23.000 LB	CHROME	С	4 #22 PVC PVC
8444 060500	500 FT	10.500 LB	CHROME		4 #22 PVC PVC
8444 0605000	5,000 FT	105.000 LB	CHROME		4 #22 PVC PVC

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Notes: C = CRATE REEL PUT-UP.

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