

8443 Non-Paired - Audio, Control and Instrumentation Cable



Description:

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

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	3
Total Number of Conductors	3
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	2.5 in.
Overall Cabling Color Code Chart	Black, Red, Green

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.172 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2576)
Bulk Cable Weight	16.1 lbs/1000 ft.
Max. Recommended Pulling Tension	27 lbs.
Min. Bend Radius (Install)	1.65 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

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APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2576 (150 V 80°C)
CSA Specification	FT4
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Inductance	.17 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	34 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15.6 Ohms/1000 ft
Max. Operating Voltage - UL	150 V RMS (UL AWM Style 2576)
Max. Recommended Current	2.9 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8443 060100	3 #22 PVC PVC	100	2.4	CHROME	
8443 0601000	3 #22 PVC PVC	1000	18	CHROME	C
8443 060500	3 #22 PVC PVC	500	9.5	CHROME	
8443 060U1000	3 #22 PVC PVC	U1000	18	CHROME	
8443 060U500	3 #22 PVC	U500	9.5	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 05-16-2005

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