

88442 Paired - Audio, Control and Instrumentation Cable

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

22 AWG stranded (7x30) tinned copper conductors, plenum, FEP insulation, twisted pairs, FEP jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	FEP - Fluorinated Ethylene Propylene
Nom. Insulation Wall Thickness	.006 in.

Pair Color Code Chart :

Number	Color
1	Black & Red

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	FEP - Fluorinated Ethylene Propylene
Outer Jacket Nominal Wall Thickness	.012 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.102 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-70°C To +200°C
Bulk Cable Weight	8.1 lbs/1000 ft.
Max. Recommended Pulling Tension	15 lbs.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMP
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CEC/C(UL) Specification	CMP
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

UL Flame Test	NFPA 262
C(UL) Flame Test	FT6

SUITABILITY:

Suitability - Outdoor	Yes
Suitability - Burial	Yes

PLENUM/NON-PLENUM:

Plenum (Y/N)	Y
Non-Plenum Number	8442

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	90 Ohms
Nom. Inductance	.15 μ H/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	17 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Conductor Loop Resistance @ 20 Deg. C	30 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	3.3 Amps per conductor @ 25°C (10°C rise in temp)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
88442 002100	2#22 FEP FEP	100	2.3	RED	
88442 0021000	2#22 FEP FEP	1000	8	RED	C
88442 002500	2#22 FEP FEP	500	5.5	RED	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 07-26-2005

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