

8466 Non-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> <p>Related Documents : No. 2 and 2R (ICEA).pdf</p>
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Description:

18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	12
Total Number of Conductors	12
AWG	18
Stranding	19x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.017 in.

OVERALL CABLING:

Overall Cabling Lay Length	3.75 in.
Overall Cabling Twists/ft.	3.2

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	7	White/Black
2	White	8	Red/Black
3	Red	9	Green/Black
4	Green	10	Orange/Black
5	Orange	11	Blue/Black
6	Blue	12	Black/White

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.040 in.

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	0.412 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2598)
Bulk Cable Weight	123.1 lbs/1000 ft.
Max. Recommended Pulling Tension	300 lbs.
Min. Bend Radius (Install)	4.1 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2598 (300 V 60°C)
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	UL1685 FT4 Loading
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	26 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	6.3 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2598)
Max. Recommended Current	3.5 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8466 060100	12 #18 PVC PVC	100	13.2	CHROME	
8466 0601000	PS3C18 PVC PVC	1000	131	CHROME	C
8466 060250	12 #18 PVC PVC	250	32.5	CHROME	C
8466 060500	12 #18 PVC PVC	500	66	CHROME	C

C = CRATE REEL PUT-UP.

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