Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



8468 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information please call

1-800-Belden1



General Description:

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

15

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.018

Outer Shield

Outer Shield Material:



Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.045

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Orange
6	Blue
7	White/Black
8	Red/Black
9	Green/Black
10	Orange/Black
11	Blue/Black
12	Black/White
13	Red/White
14	Green/White
15	Blue/White
4 5 6 7 8 9 10 11 12 13	Green Orange Blue White/Black Red/Black Green/Black Orange/Black Blue/Black Black/White Red/White Green/White

Overall Nominal Diameter:

0.500 in

Mechanical Characteristics (Overall) Operating Temperature Range: -20°C To +60°C **UL Temperature Rating:** 60°C (UL AWM Style 2598) **Bulk Cable Weight:** 153 lbs/1000 ft. 375 lbs. Max. Recommended Pulling Tension: Min. Bend Radius/Minor Axis: **Applicable Specifications and Agency Compliance (Overall)**

Applicable Standards	&	Environmental	Program
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NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG

Page 1 of 2

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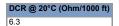
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.1685 FT4 Loading
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



Nom. Conductor DC Resistance:



Max. Operating Voltage - UL:



Max. Recommended Current:

3.5 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8468 060100	100 FT	16.800 LB	CHROME	С	15#18 PVC PVC
8468 0601000	1,000 FT	161.000 LB	CHROME	С	15#18 PVC PVC
8468 060500	500 FT	84.000 LB	CHROME	С	15#18 PVC PVC
8468 0605000	5,000 FT	845.000 LB	CHROME		15#18 PVC PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 09-11-2012

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product.

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

Page 2 of 2

Mouser Electronics

Authorized Distributor

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Belden Wire & Cable: 8468 060500 8468 0601000