

8465 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1



Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
5	18	19x30	TC - Tinned Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4318

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8382

Overall Cabling

Overall Cabling Lay Length & Direction:

Length (mm)	Twists (m.)
74.167708	1.24968

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown

Overall Nominal Diameter: 7.163 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2598)
Bulk Cable Weight:	83.786 Kg/Km
Max. Recommended Pulling Tension:	556.025 N
Min. Bend Radius (Install)/Minor Axis:	71.120 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMG

METRIC MEASUREMENT VERSION

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CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2598 (300 V 60°C)
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

C(UL) Flame Test:	FT4
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
85.306

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
20.6703

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2598)

Max. Recommended Current:

Current
4 Amps per conductor @ 25°C

Notes (Overall)

Notes: Nominal Loop Inductance: .18 µH/ft.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8465 060U1000	305 MT	23.587 KG	CHROME		5 #18 PVC PVC
8465 060U500	152 MT	12.020 KG	CHROME		5 #18 PVC PVC
8465 060100	30 MT	2.585 KG	CHROME		5 #18 PVC PVC
8465 0601000	305 MT	24.041 KG	CHROME	C	5 #18 PVC PVC
8465 060500	152 MT	12.247 KG	CHROME	C	5 #18 PVC PVC
8465 0605000	1,524 MT	122.471 KG	CHROME		5 #18 PVC PVC

Notes:
C = CRATE REEL PUT-UP.

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