



Part Number: 8446

Audio/Control/Communication/Instrumentation, (4) 22 AWG (7x30) TC, (2) 18 AWG (19x30) TC, PVC/PVC, CMG

Product Description

Four 22 AWG stranded (7x30) and two 18 AWG stranded (19x30) tinned copper conductors, conductors cabled, PVC insulation, PVC jacket.

Product Specifications

AG.Filter Attributes

Total Number of Conductors:	6
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Technical Specifications

AG_0401

UL Flammability:	UL1685 FT4 Loading
CSA Flammability:	FT4

APAC Standard

MII Order #39 (China RoHS):	Yes
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Applicable Patents

Patent:	http://www.belden.com/p
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Bend Radius

Min Bend Radius/Minor Axis:	2.5 in
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CCB-Sub-Part Number

Plenum (Y/N):	No
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Contact Information

PHONE_NUM:	1-800-Belden1
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EU Directive

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

North American Standard

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CMG
NEC/(UL) Specification:	CMG
UL AWM Style:	UL Style 2576 (150 V 80°C)

Use

Max Recommended Pulling Tension:	78 lbs
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Conductor DCR:

Element	Nominal Conductor DCR
22 AWG	15.5 Ohm/1000ft
18 AWG	6.8 Ohm/1000ft

Color Chart 1:

Number	Color
22	Red
22	Green
22	Brown
22	Blue
18	White
18	Black

Voltage:

UL Description		UL Voltage Rating
UL AWM Style 2576		150 V RMS V
CMG	300 V RMS	

Current:

Element	Max. Recommended Current [A]
22 AWG	2.5 Amps per conductor @ 25°C
18 AWG	5.6 Amps per conductor @ 25°C

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Ground
30 pF/ft	54 pF/ft

Insulation:

Element	Material	Nominal Wall Thickness
22	PVC - Polyvinyl Chloride	0.011 in
18	PVC - Polyvinyl Chloride	0.019 in

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.236 in	0.032 in

Conductor:

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	4
18	19x30	TC - Tinned Copper	2

Outersield 1:

Material
Unshielded

Product Variants

Part Number	Color	Put-Up Type	Length
8446			
8446	CHROME	Reel	305 m
8446 0601000	CHROME	Reel	1000 ft
8446			
8446	CHROME	Reel-in-Box	30 m
8446 060100	CHROME	Reel	100 ft
8446			
8446 060500	CHROME	Reel	500 ft
8446			
8446	CHROME	UnReel	305 m
8446 060U1000	CHROME	UnReel	1000 ft
8446			
8446	CHROME	UnReel	152 m
8446 060U500	CHROME	UnReel	500 ft
8446			
8446			
8446			

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

Mouser Electronics

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