



Part Number: 8208

Audio/Control/Instrumentation, (1 pr) 18 AWG (16x30)
TC, EPDM/PVC, TC Braid Shld

Product Description

One 18 AWG pair stranded (16x30) tinned copper conductors, twisted pairs, EPDM insulation, tinned copper braid shield (73% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
18	16x30	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
Rubber	0.022 in

Color Chart 1:

Number	Color
1	Red & White

Outershield 1:

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	73 %

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	0.257 in	0.025 in	Polyester

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
6.5 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
46 pF/ft	77 pF/ft

Impedance:

Nominal Characteristic Impedance
44 Ohm

Current:

Max. Recommended Current [A]
5.2 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.2 µH/ft

Voltage:

Non-UL Voltage Rating
300 V RMS

Use

Max Recommended Pulling Tension:	69 lbs
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Safety

Temperature Range

Non-UL Temp Rating:	80°C
Operating Temp Range:	-20°C To +80°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Notes:	No surface printing.
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Product Variants

Part Number	Color	Put-Up Type	Length
8208 0601000	CHROME	Reel	1000 ft
8208 060100	CHROME	Reel	100 ft
8208 0605000	CHROME	Reel	5000 ft
8208 060500	CHROME	Reel	500 ft
8208 060U1000	CHROME	UnReel	1000 ft
8208 060U500	CHROME	UnReel	500 ft

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