

Part Number: 88442

Audio/Control/Instrumentation, (1 pr) 22 AWG (7x30)
TC, FEP/FEP, CMP

Product Description

One 22 AWG pair stranded (7x30) tinned copper conductors, twisted pairs, fluorinated ethylene propylene (FEP) insulation, fluorinated ethylene propylene (FEP) jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Pairs
22	7x30	TC - Tinned Copper	1
Total Number of Conductors:			2

Insulation:

Material	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.007 in

Color Chart 1:

Number	Color
1	Black & Red

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
FEP - Fluorinated Ethylene Propylene	0.102 in	0.009 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Conductor Loop DCR
15 Ohm/1000ft	30 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor
17 pF/ft

Current:

Max. Recommended Current [A]
3.3 Amps per conductor @ 25°C (10°C rise in temp)

Inductance:

Nominal Inductance
0.15 µH/ft

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Burial:	Yes
Suitability - Outdoor:	Yes
Max Recommended Pulling Tension:	15 lbs

Safety

CSA Flammability:	FT6
UL Flammability:	NFPA 262

Temperature Range

Operating Temp Range:	-70°C To +200°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.25 in
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Part Number

Plenum (Y/N):	Yes
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Non-Plenum Number:	8442
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Standards

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

History

Product Variants

Part Number	Color	Put-Up Type	Length
88442 0021000	RED	Reel	1000 ft
88442 002100	RED	Reel	100 ft
88442 002500	RED	Reel	500 ft

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