

1392P Multi-Conductor - Media, Automation and Lighting Control

For more Information
please call

1-800-Belden1



General Description:

1-22 AWG stranded (7x30) bare copper conductors, plenum, foam FEP insulation (data), STP w/Beldfoil®, 2-18 AWG (19x30) tinned copper conductors unshielded, PVC insulation (power), PVC jacket

Usage (Overall)

Suitable Applications: Automation/Control

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material
	1	22	7x30	TC - Tinned Copper
2		18	19x30	TC - Tinned Copper

Total Number of Conductors: 4

Insulation

Insulation Material:

Insulation Material	AWG
FFEP - Foam Fluorinated Ethylene Propylene	22
PVC -Polyvinyl Chloride	18

Inner Shield

Inner Shield Material:

Layer #	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Stranding	Dia. (mm)	Conductor Material
22 AWG Pair	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100			

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Outer Jacket Ripcord: No

Overall Cable

Overall Nominal Diameter: 5.207 mm

Pair

Pair Color Code Chart:

Number	Color
1	Blue & White
2	Red & Black

Mechanical Characteristics (Overall)

Operating Temperature Range: 0°C To +75°C

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UL Temperature Rating:	60°C
Non-UL Temperature Rating:	75°C
Bulk Cable Weight:	46.134 Kg/Km
Max. Recommended Pulling Tension:	300.698 N
Min. Bend Radius/Minor Axis:	57.150 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMP
CEC/C(UL) Specification:	CMP
EU Directive 2011/65/EU (ROHS II):	Yes
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):	06/28/2012
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

UL Flame Test:	NFPA 262
C(UL) Flame Test:	FT6

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	Yes
Non-Plenum Number:	1392A

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Description	Impedance (Ohm)
22 AWG Pair	100

Nom. Capacitance Conductor to Conductor:

Description	Capacitance (pF/m)
22 AWG Pair	45.934
18 AWG Pair	95.149

Nom. Conductor DC Resistance:

Description	DCR @ 20°C (Ohm/km)
22 AWG	53.4803
18 AWG	22.6389

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Description	Current
22 AWG	3.8 Amps per conductor @ 25°C
18 AWG	7.2 Amps per conductor @ 25°C

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Notes (Overall)

Notes: Sequential footage marking every two feet.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1392P 0101000	305 MT	13.608 KG	BLACK		COMPOSITE CABLE FS FLRST
1392P 010500	152 MT	7.258 KG	BLACK		COMPOSITE CABLE FS FLRST
1392P 8771000	305 MT	13.608 KG	NATURAL		COMPOSITE CABLE FS FLRST
1392P 877500	152 MT	7.258 KG	NATURAL		COMPOSITE CABLE FS FLRST

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