

YJ57161 Composite Cable






For more information please call 1-800-Belden1

See Put-ups and Colors

Description:

15 and 18 AWG stranded tinned copper conductors , PVC insulation (Power) , FPE insulation (data) ,Individually foil shielded (100% coverage) Plus an overall tinned copper braid (65% coverage) , PVC jacket .

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Items	A	B
Number of Conductors	2	2
AWG	15	18
Conductor Material	Tinned Copper	Tinned Copper

INSULATION:

Items	A	B
Insulation Material	PVC-Polyvinyl Chloride	FPE – Foma Polyethylene
Nom. Insulation Diameter	2.77 mm	3.81 mm
Color Code	Black Red	White Blue

INDIVIDUAL TAPE:

Individual Shield Trade Name	Beldfoil®	Beldfoil®
Individual Shield Material	Aluminum Foil - Polyester Tape	Aluminum Foil - Polyester Tape
Individual Shield Coverage (%)	100	100
Drain Wire Stranding	19/0.254	
Drain Wire Material	TC - Tinned Copper/	

OVERALL SHIELD

Overall Shield Type	Braid
Overall Shield Material	Tinned Copper
Overall Shield Coverage (%)	65

OUTER JACKET:

Detailed Specifications & Technical Data



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Outer Jacket Material	PVC- Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	1.42 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	12.2mm
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MECHANICAL CHARACTERISTICS:

Temperature Rating	75°C
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FLAME TESTING

Flame Testing	VW-1
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APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	June 2007

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor A DC Resistance @ 20°C	3.58Ω/1000ft
Nom. Conductor B DC Resistance @ 20°C	7.29Ω/1000ft
Nom. Mutual Capacitance of Pair B @ 1KHZ	12 pF/ft
Nom. Impedance of Pair B @ 1MHZ	120Ω
Nom. Velocity of Pair B	75%
Max. Attenuation	

Frequency (KHz)	Max. Attenuation (dB/100m)
125	0.13
500	0.25
1000	0.36

PUT-UPS AND COLORS:

Item	Description	Put-Up (metre)	Ship Weight (kg)	Jacket Color

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Revision Date: 2013/11/19

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