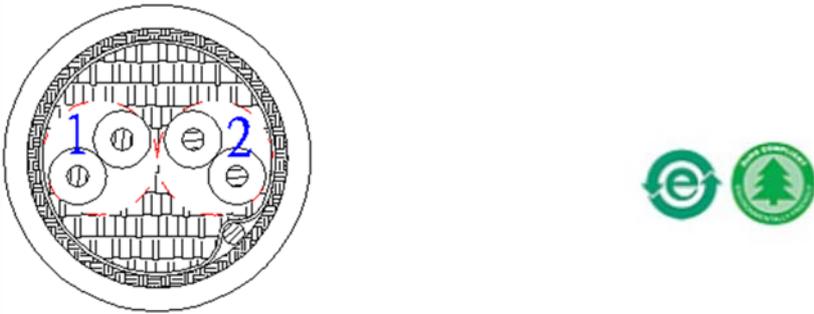


YJ70124 Instrumentation and Computer Cable for EIA RS-485 Data Transmission Application

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

2Pairs, 0.5sqmm stranded tinned copper conductors, HDFMPE insulation, overall Beldfoil® shield and plug a 24 AWG stranded tinned copper drain wire, tinned copper braid (50% coverage), overall PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Conductor Stranding	7 x 0.32 mm
Area	0.5sqmm
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	HDFMPE –Foam High Density Polyethylene
Nom. Insulation Diameter	2.6 mm

OVERALL CABLING:

Color Code Chart	<ol style="list-style-type: none"> 1. White/Blue & Blue/White 2. White/Orange & Orange/White
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OVERALL SHIELD:

Overall Shield Trade Name	Beldfoil®
Overall Shield Type	Tape
Overall Shield Material	Aluminum Foil - Polyester Tape
Overall Shield Coverage (%)	100
Drain Wire Conductor Material	TC - Tinned Copper
Drain Wire Conductor AWG	24
Drain Wire Conductor Stranding	7 x 0.2 mm
Overall Shield Type	Braiding
Overall Shield Material	TC - Tinned Copper
Overall Shield Coverage (%)	50 Nom.

OUTER JACKET:

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Outer Jacket Material	PVC – Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	1.1 mm

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	10.7 mm
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MECHANICAL CHARACTERISTICS:

Temperature Rating	-20°C To + 80°C
Min. Bend Radius	107 mm

APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

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

FLAME:

Flame Test	IEC 60332-1
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20°C	10.7 Ω/kft
Nom. Capacitance Conductor to Conductor @1KHz	11 pF/ft
Nom. Capacitance Conductor to Shield @ 1KHz	21 pF/ft
Nom. Characteristic Impedance:	120 ohm
Max. Operating Voltage	300 V RMS

PUT-UPS AND COLORS:

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

Revision Number: 1

Revision Date: 05-08-2015

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YJ70124

**Instrumentation and Computer Cable for
EIA RS-485 Data Transmission Application**

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