

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

	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p>
---	---

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
------------------	--

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:

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

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	10.7 mm
--------------------------	---------

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
------------	-------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

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

©Copyright 2009 Belden, Inc
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

YJ70124

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

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & amp; Cable Mfgs.(San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.