

**YJ56878**

**FLEXIBLE MICROPHONE CABLE**



**Description:**

24 AWG Stranded Bare Copper, Solid polyethylene insulation, twisted pair, overall Non-Woven tape separator plus a tinned copper Braid (95% coverage), PVC jacket.

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Conductors	2
Size of conductor	24 AWG
Conductor Material	BC - Bare Copper

**INSULATION:**

Insulation Material	PE - Polyethylene
Nom. Insulation Diameter	1.42 mm

**OVERALL CABLING:**

Overall Cabling Lay Length	18 mm
Overall Cabling Color Code Chart:	White*Blue
Overall Separator Type	Tape
Overall Separator Material	Paper
Overall Separator Coverage (%)	100
Overall Shield Type	Braiding
Overall Shield Material	TC - Tinned Copper
Overall Shield Coverage (%)	95% Nom.

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Nom. Outer Jacket Wall Thickness	1.30 mm

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	6.10 mm
--------------------------	---------

**MECHANICAL CHARACTERISTICS:**

## Detailed Specifications & Technical Data



### YJ56878

### FLEXIBLE MICROPHONE CABLE

Operating Temperature Range	- 30°C To + 75°C
Temperature Rating	+ 75°C @ maximum voltage
Voltage Rating	100V @ maximum temperature
Bulk Cable Weight	50 kg/km

#### APPLICABLE SPECIFICATION AGENCY COMPLIANCE:

#### APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	June 2007
Flammability / Reaction to Fire	FT2

#### ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20°C	26.6 $\Omega$ /1000FT
Max. continues current per conductor (25°C)	1.75 A
Nom. Capacitance Between conductor of Pair @ 1KHz	39.2 pF/FT
Nom. Capacitance Between conductor to Shield @ 1KHz	57.4 pF/FT
Nom. Inductance	0.21 $\mu$ H/FT
Nom. Impedance	40 $\Omega$
Test voltage cond.~cond.(DC)	1.5 kv/2s
Test voltage cond.~screen(DC)	1.5 kv/2s
Min. bengding radius	10xCable diameter

#### PUT-UPS AND COLORS:

Item	Description	Put-Up (metre)	Ship Weight (kg)	Jacket Color
YJ56878 010305M	1P #24 PE BRD PVC	305	20.5	Black

Revision Number: B

Revision Date: 11/25/2024

©Copyright 2024 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.

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 & 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

**YJ56878**

**FLEXIBLE MICROPHONE CABLE**

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.