



# Series 152FB Fusion-Bonded Cable Jumpers

## FEATURES

- Flexible Fusion-bonded Jumpers Plug Directly into PC Boards or Sockets
- Stranded Wire Conductors Fusion-bonded with an Overcoat of Sn for Easy Soldering or Socketing
- Jumpers Shipped with Protective Tabs on Ends to Maintaining Proper Conductor Spacing



## GENERAL SPECIFICATIONS

- **INSULATION:** UL VW-1, Style 2651 Polyvinyl Chloride (PVC) with optional Polarization Stripe on one side
- **NOMINAL INSULATION THICKNESS:** 0.009 [0.23]
- **CONDUCTORS:** 26-gauge, 7-strand Cu with Sn fusion-bonded overcoat
- **OPERATING TEMPERATURE:** -4°F to 221°F [-20°C to 105°C]
- **VOLTAGE RATING:** 300Vrms
- **DIELECTRIC WITHSTANDING VOLTAGE:** 1500Vrms
- **INSULATION RESISTANCE:** 10,000 MΩ per 10 feet [3.05 meters]
- **RESISTANCE:** 40.3Ω per 1000 feet [304.8 meters]
- **PROPAGATION DELAY:** 1.3ns/ft.

## MOUNTING CONSIDERATIONS

- **SUGGESTED PCB HOLE SIZE:** 0.033 ±0.002 [0.84 ±0.05] dia.

## ORDERING INFORMATION

**XX-XXXXX-152FB X**

Option  
P = Polarization Strip, along one edge of cable\*

Jumper Series

Cable Length "L" (inches)

2.00" = 002

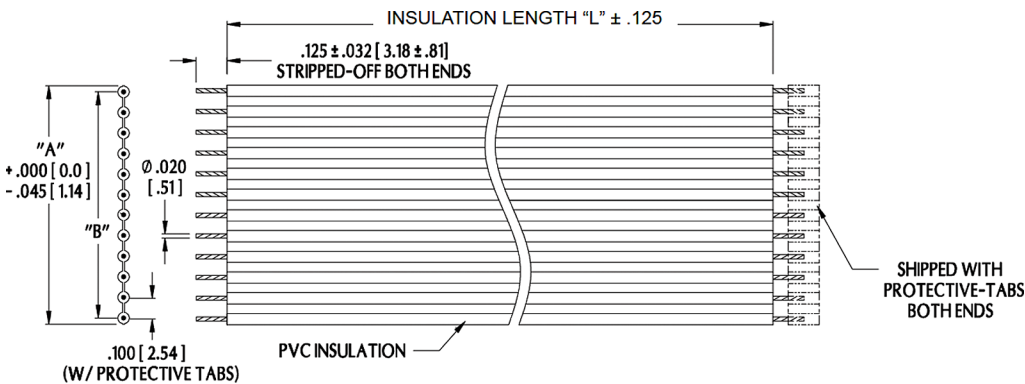
2.50" = 002.5

2.25" = 002.25

2.125" = 002.125  
Etc.

No. of Conductors  
4 thru 22

\* Aries reserves the right to ship with or without unless specified by customer.



SHIPPED WITH PROTECTIVE-TABS BOTH ENDS

| # Conductors | Min. Insulation Length |
|--------------|------------------------|
| 4 thru 8     | 1.000 [25.40]          |
| 9 and 10     | 1.250 [31.75]          |
| 11 thru 22   | 1.500 [38.10]          |

"A" (NO. OF CONDUCTORS) x 0.100 [2.54]  
"B" (NO. OF CONDUCTORS - 1) x 0.100 [2.54]

ALL DIMENSIONS: INCHES [MILLIMETERS]

ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED

ALL CABLES SHIP WITH Pb-FREE MATERIAL UNLESS CUSTOMER SPECIFIED WHEN ORDERING

CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

CUSTOMIZATION: ARIES SPECIALIZES IN CUSTOM DESIGN AND PRODUCTION. SPECIAL MATERIALS, PLATINGS, SIZES, AND CONFIGURATIONS CAN BE FURNISHED, DEPENDING ON QUANTITY.

ARIES RESERVES THE RIGHT TO CHANGE PRODUCT GENERAL SPECIFICATIONS WITHOUT NOTICE

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