



# Series 152FB Fusion Bonded Cable Jumpers

## FEATURES

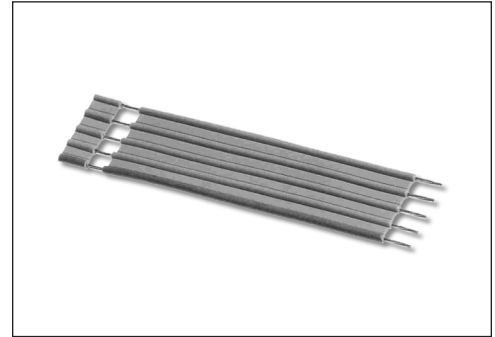
- Series 152FB fusion-bonded Cable Jumpers are flexible – plug them directly into PC boards or sockets.
- Stranded wire conductors are fusion bonded with an overcoat of Sn for easy soldering or socketing.
- Each jumper is shipped with protective tabs on both ends for maintaining proper conductor spacing.

## 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.



**CUSTOMIZATION:** In addition to the standard products shown on this page, Aries specializes in custom design and production. Special materials, platings, sizes, and configurations can be furnished, depending on the quantity. **NOTE:** Aries reserves the right to change product general specifications without notice.

## ORDERING INFORMATION

**XX-XXXXX-152FB X**

No. of Conductors  
(4 thru 22)

Cable Length

Example: 2" = -002-  
2.5" = -002.5-  
2.25" = -002.25-  
2.125" = -002.125-

Option

P = Polarization Stripe along one edge of cable\*

Jumper Series

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

ALL DIMENSIONS IN INCHES [MILLIMETERS]

ALL TOLERANCES ±0.005 [±0.13] UNLESS OTHERWISE SPECIFIED

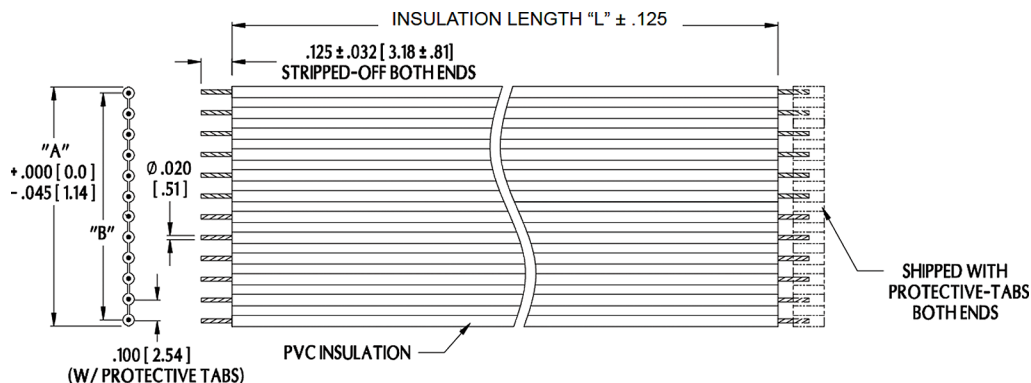
"A" # CONDUCTORS x 0.100 [2.54]

"B" (# CONDUCTORS -1) x 0.100 [2.54]

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

CONSULT FACTORY FOR OTHER SIZES & CONFIGURATIONS

| # 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]          |



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