



# 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.

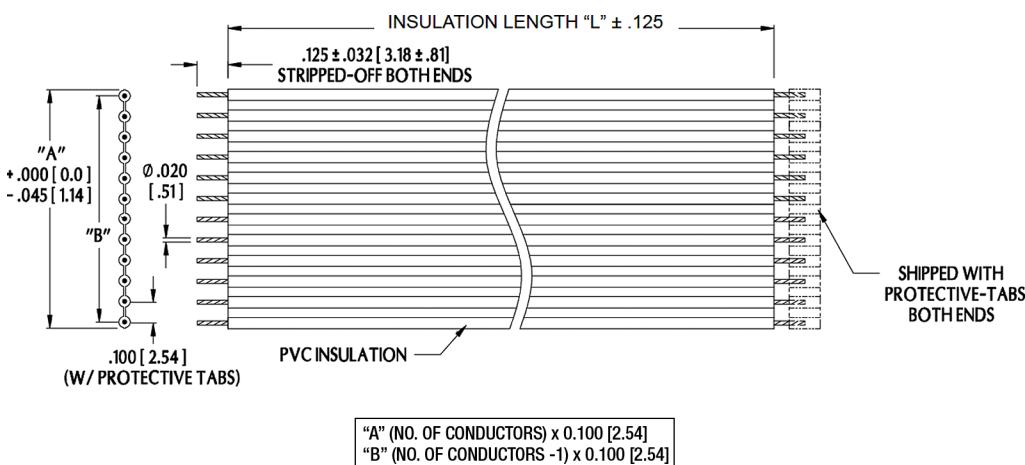
### MOUNTING CONSIDERATIONS

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

### ORDERING INFORMATION

XX-XXXXX-152FB	X	Option
		P = Polarization Strip, along one edge of cable*
		Jumper Series
		11 = Au over Ni
		Cable Length
		2" = 002
		2.5" = 002.5
		2.25" = 002.25
		2.125" = 002.125
		No. of Conductors
		4 thru 22

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



# 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]

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

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