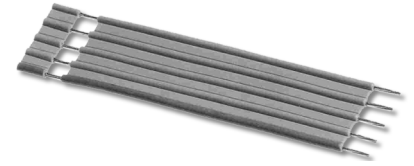




# Series 152FB Fusion-Bonded Cable Jumpers

## 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" in inches  
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

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

PRINTOUTS OF THIS DOCUMENT MAY BE OUT-OF-DATE AND SHOULD BE CONSIDERED UNCONTROLLED



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