

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.



No. of Conductors – (4 thru 22) Cable Length —

Example: 2'' = -002-

2.5" = -002.5-

2.25'' = -002.25-

2.125'' = -002.125

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.

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.

# 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]

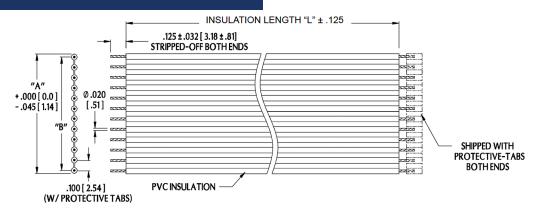
ALL DIMENSIONS IN INCHES [MILLIMETERS]

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





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