



# Series 152FB Fusion Bonded Cable Jumpers

## FEATURES:

- Aries 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 tin for easy soldering or socketing.
- Each jumper is shipped with protective tabs on both ends for maintaining proper conductor spacing.

## SPECIFICATIONS:

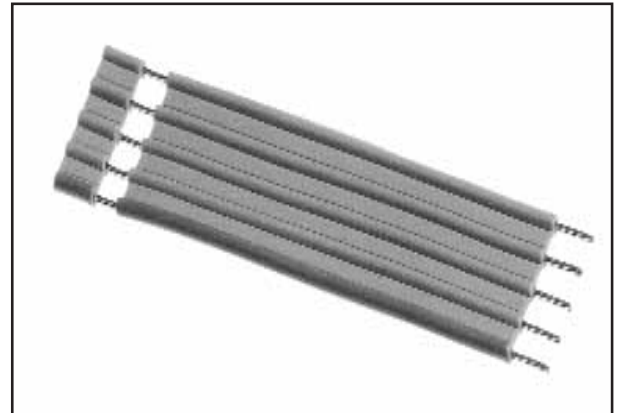
- Insulation is UL VW-1, Style 2651 Polyvinyl Chloride (PVC) with optional polarization stripe on one side.
- Nominal insulation thickness is .009 [.23].
- Conductors are 26 gauge, 7-strand Copper Alloy with a fusion bonded overcoat of Tin.
- Operating temperature=-4°F to 221°F [-20°C to 105°C].
- Voltage rating=300 Vrms.
- Dielectric withstanding voltage=1500 Vrms.
- Insulation resistance=10,000 MOhms per 10 feet [3.05 meters].
- Resistance=40.3 Ohms per 1000 feet [304.8 meters].
- Propagation delay=1.3 ns/foot.

## MOUNTING CONSIDERATIONS:

- Suggested PCB hole size=.033 ± .002 [.84 ± .05] dia.

Consult factory for sizes not shown

**ALL DIMENSIONS: INCHES [MILLIMETERS]**



Note: Aries specializes in custom design and production. In addition to the standard products shown on this page, special materials, platings, sizes, and configurations can be furnished, depending on quantities. Aries reserves the right to change product specifications without notice.

## ORDERING INFORMATION

**XX-XXXXX-152FBX**

No. of  
conductors  
(4 thru 22)

Cable length:  
"L" in inches:  
EX: 2" = -002-  
2.5" = -002.5-  
2.25" = -002.25-  
2.125" = -002.125-

Optional  
suffix:  
P=Polarization  
stripe along  
one edge of  
cable\*\*

Jumper series

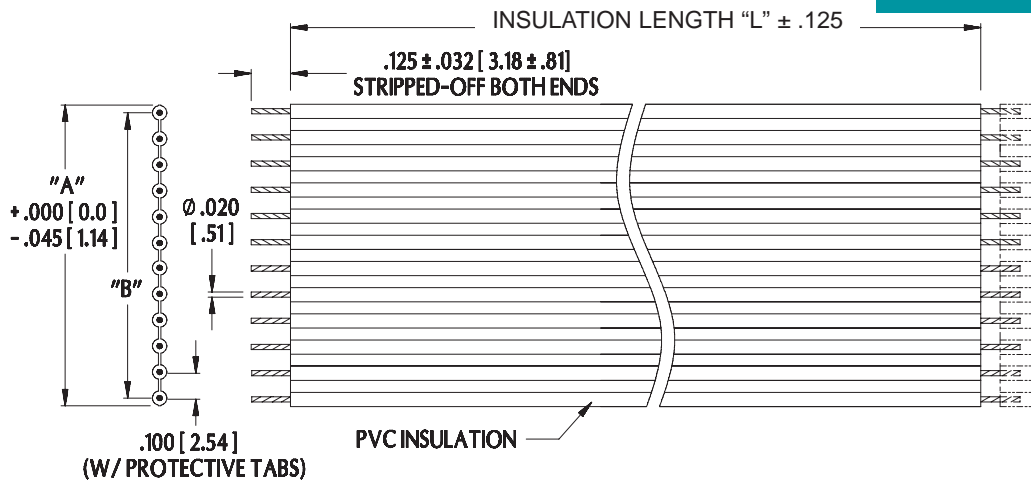
\*\*Aries reserves the right to ship with or without polarization stripe unless specified by customer.

No. of Conductors	Minimum Insulation Length
4 thru 8	1.000 [25.40]
9 and 10	1.250 [31.75]
11 thru 22	1.500 [38.10]

All tolerances ± .005 [.13]  
unless otherwise specified

"A"=NO. OF CONDUCTORS X .100 [2.54]  
"B"=(NO. OF CONDUCTORS - 1) X .100 [2.54]

**ALL CABLES SHIP WITH LEAD FREE MATERIAL UNLESS SPECIFIED BY CUSTOMER WHEN ORDERING**



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