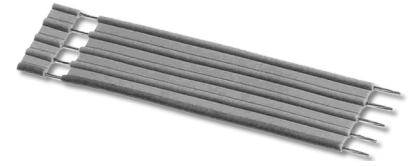# Series 152FB
Fusion-Bonded Cable Jumpers

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

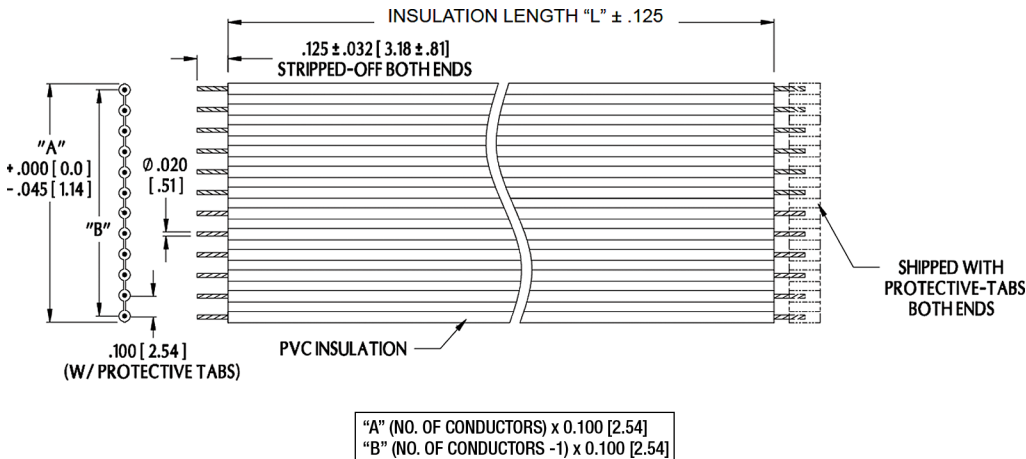**Cable Length "L"** (inches)
2.00" = 002
2.50" = 002.5
2.25" = 002.25
2.125" = 002.125
Etc.

No. of Conductors
4 thru 22

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

INSULATION LENGTH "L" ± .125

.125 ±.032 [3.18 ± .81]
STRIPPED-OFF BOTH ENDS

"A"
+ .000 [0.0]
- .045 [1.14]

Ø .020 [.51]

"B"

.100 [2.54]
(W/ PROTECTIVE TABS)

PVC INSULATION

SHIPPED WITH PROTECTIVE-TABS BOTH ENDS

# 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]

"A" (NO. OF CONDUCTORS) x 0.100 [2.54]
"B" (NO. OF CONDUCTORS -1) x 0.100 [2.54]