



Series 160FB 1mm [.039] Pitch Fusion Bonded Cable Jumpers

FEATURES:

- Aries Series 160FB 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:

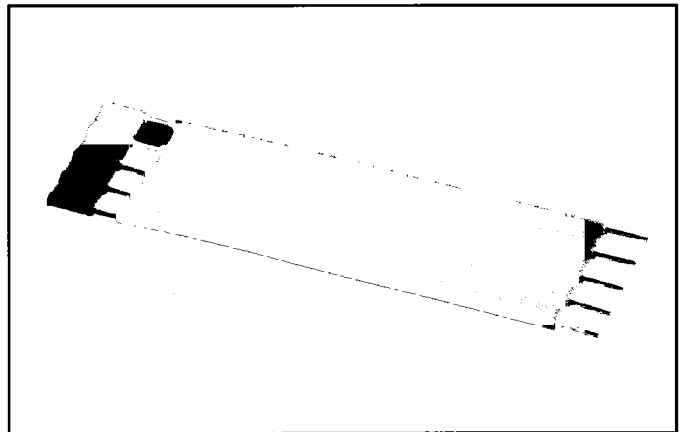
- Insulation is UL VW-1, Style 2651 Polyvinyl Chloride (PVC) with optional polarization stripe on one side.
- Nominal insulation thickness is .23mm [.009].
- Conductors are 28 gauge, 7-strand Copper Alloy with a fusion bonded overcoat of Tin.
- Operating temperature=-20°C to 105°C [-4°F to 221°F].
- Voltage rating=300 Vrms.
- Dielectric withstanding voltage=1500 Vrms.
- Insulation resistance=10,000 MOhms per 3.05 meters [10 feet].
- Capacitance=16 pF/foot.
- Impedance=105 Ohms.
- Resistance=57.0 Ohms per 304.8 meters [1000 feet].
- Propagation delay=1.4 ns/foot.

MOUNTING CONSIDERATIONS:

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

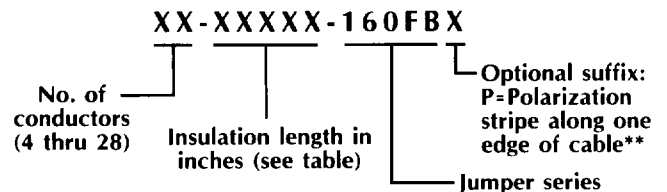
ALL DIMENSIONS: [MILLIMETERS] INCHES

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



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



Consult factory for sizes not shown

No. of Conductors	Minimum Insulation Length inches [millimeters]
8 thru 16	1.000 [25.40]
17 and 20	1.250 [31.75]
21 thru 50	1.500 [38.10]

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

"A"=NO. OF CONDUCTORS X 2.00mm [.079]

"B"=(NO. OF CONDUCTORS -1) X 2.00mm [.079]

