USB B Field
Amphenol
Sealed USB-B

Description

Sealed (IP67) USB-B connection system :

• USB-B male plug overmolded on USB2.0 cable

• USB-B female receptacle with 50 mm wires & 5 ways connectors

• Plastic shells

• Thread coupling

• Rear mount Jam Nut receptacle with panel gasket included

USBBF series is ROHS compliant

Sealed USB-B !

Female Receptacle and cap :

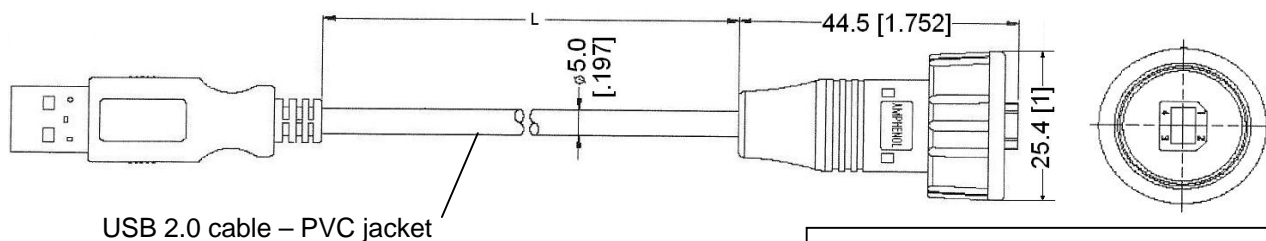
Male sealed Plug USB-B / USB-A cordset :

Applications

• Embedded Computers
• Data Transfert
• Numerical Control Machine

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Plug cordset – Male sealed USB-B / male USB-A (*)

L

44.5 [1.752]

⌀5.0 [.197]

25.4 [1]

USB 2.0 cable – PVC jacket

Part Numbers :
- L = 1000±50mm [39.37±1.97] - P/N : **USBBF6100**
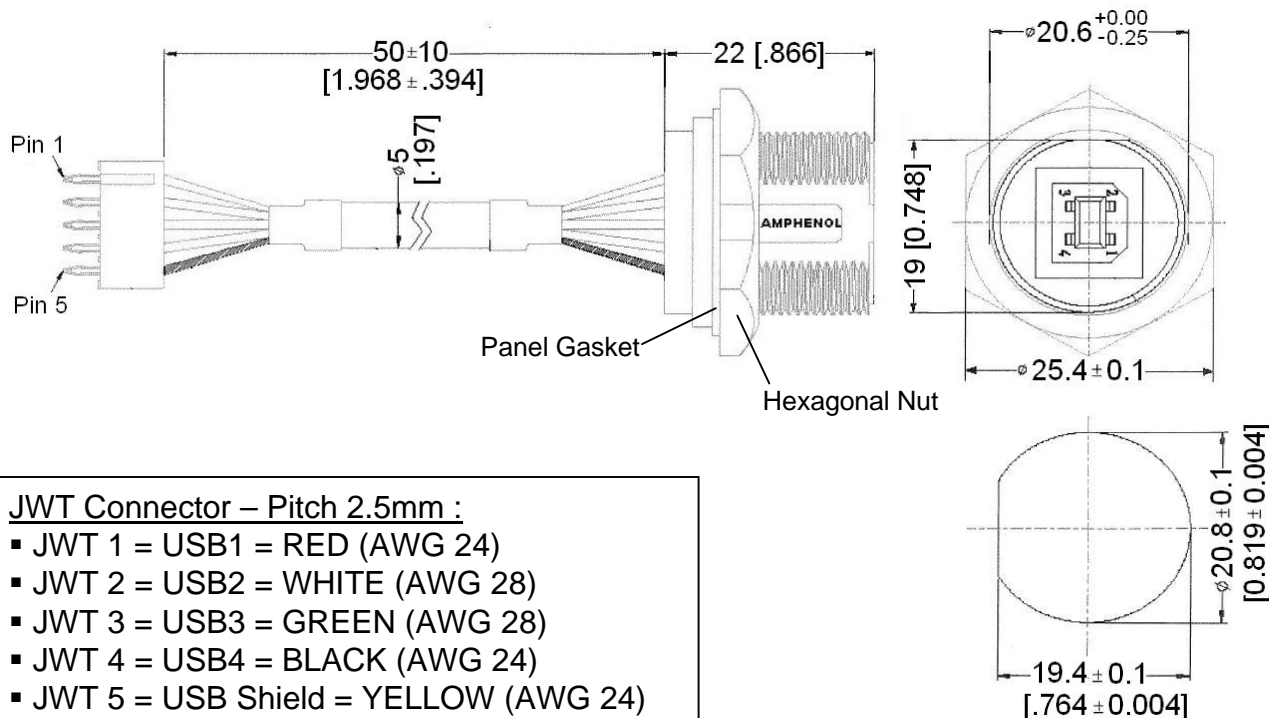- L = 2000±50mm [78.74±1.97] - P/N : **USBBF6200**

PIN assignments (Front view) :
- 1 = RED (AWG 24)
- 2 = WHITE (AWG 28)
- 3 = GREEN (AWG 28)
- 4 = BLACK (AWG 24)

Shield = Drain

(*) To get a sealed USB-A plug, you can use our *USB FTV series.*

Receptacle – Female USB-B

Part Number : **USBBF7**

50±10 [1.968 ± .394]

22 [.866]

⌀5 [.197]

Pin 1

Pin 5

Panel Gasket

Hexagonal Nut

⌀20.6 +0.00 −0.25

19 [0.748]

⌀25.4±0.1

⌀20.8±0.1 [0.819±0.004]

19.4±0.1 [.764±0.004]

Panel Drilling

JWT Connector – Pitch 2.5mm :
- JWT 1 = USB1 = RED (AWG 24)
- JWT 2 = USB2 = WHITE (AWG 28)
- JWT 3 = USB3 = GREEN (AWG 28)
- JWT 4 = USB4 = BLACK (AWG 24)
- JWT 5 = USB Shield = YELLOW (AWG 24)

Receptacle Cap

Part Number : **USBBFC7**

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