

The Connex TWINAX connectors are designed for use on IBM systems 34 and 38 installations. They can interface IBM host-compatible network communications where minimum cross-talk and balanced circuits are necessary in interconnecting work stations.

TWINAX-polarized key and keyway construction, threaded coupling, 0-200 MHz range, 500 V peak voltage rating.

Twin-BNC-polarized contact design (one female, one male), 2 stud bayonet coupling, captivated contacts, 0-100 MHz range, 100 V peak voltage rating.

Electrical Specifications

Impedance	Used with 78 ohm/95 ohm twin conductor cable
Frequency Range	Keyway polarization and non-polarized: 0-200 MHz, 0-500 MHz with caution Contact polarization: 0-100 MHz
Voltage Rating	Keyway polarization and non-polarization: 500 volts peak Contact polarization: 100 volts peak

*TWINAX connectors keyway construction meet applicable sections MIL-C-3655.

Material Specifications

Parts Name		Material	Finish
Center Contact	Male	Brass	Gold or Silver plated
	Female	Phosphor Bronze (nominal) or Beryllium Copper	Gold or Silver plated
Metal parts		Brass	Nickel
Insulators		PBT polyester or noryl	None
Clamp gaskets		Silicone rubber or Synthetic rubber	None

All connector bodies are nickel plated.

Insulators are PBT polyester and contacts are gold plated, 3μ".

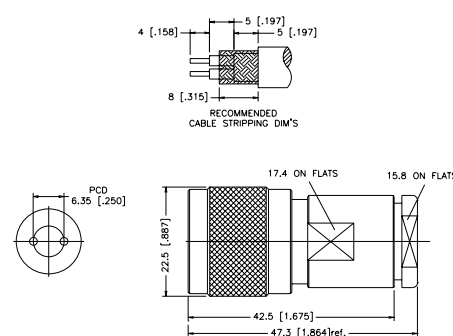
Silver-plated contacts are available upon request. Please contact Amphenol for samples and quotes.

All dimensions are shown in millimeters [inches].

Twin Contacts/Keyed 90°

Straight Clamp Plug - Standard Cable

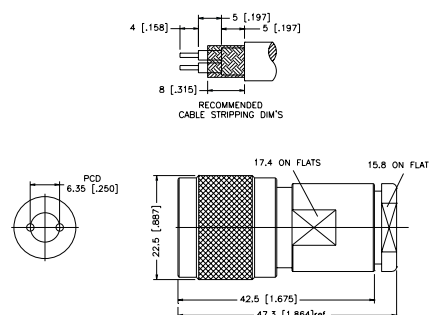
P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX1141A1-NPB3G-9-95 IBM 7362229 Belden 9207	09	Nickel	PBT Polyester	100	N/A
TWX1141A1-NPB3G-89-95 Belden 89207	09	Nickel	PBT Polyester	100	N/A



1 gold, 1 silver contact are available
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P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX1141K1-NPB3G-9-95	09	Nickel	PBT Polyester	100	N/A

Remark: European Type. With Delrin Bushing 9.3 [.366] x 8 [.315] x 4.5 [.177]

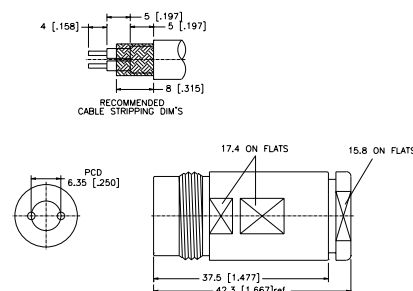


1 gold, 1 silver contact are available
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Straight Clamp Jack - Standard Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX6141A1-NPB3G-9-95	09	Nickel	PBT Polyester	100	N/A

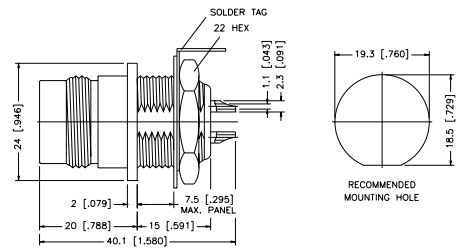
Remark: IBM 6838959



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Bulkhead Receptacle Jack

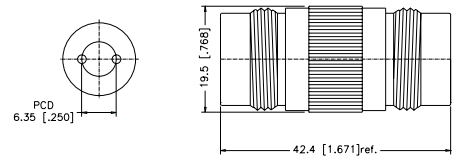
P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX6351B1-NPB3G-95 IBM 7362179	N/A	Nickel PBT	Polyester	100	N/A
TWX6351D1-NPB3G-95 Diecast body	N/A	Nickel PBT	Polyester	100	N/A



Jack-to-Jack Feedthrough Adapter

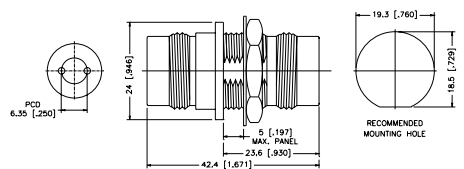
P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX7071A1-NPB3G-95	N/A	Nickel PBT	Polyester	100	N/A

Remark: IBM 7362230



Bulkhead Jack-to-Jack Adapter

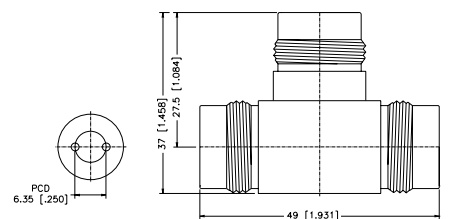
P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX7471B1-NPB3G-95	N/A	Nickel PBT	Polyester	100	N/A



Tee Adapter Jack-to-Jack-to-Jack

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX8073A1-NPB3G-95	N/A	Nickel PBT	Polyester	100	N/A

Remark: IBM 6851167

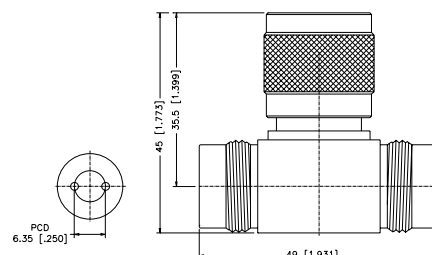


In-Series Tee Adapters

Tee Adapter Jack-to-Plug-to-Jack

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWX9073A1-NPB3G-95	N/A	Nickel PBT	Polyester	100	N/A

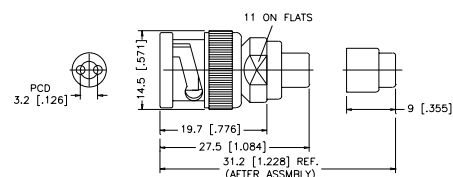
Remark: IBM 4178269



BNC Polarized Contact/One Male, One Female

Straight Crimp Plug - Flexible Cable

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWB1111K1-NPB3G-78	RG-108A/U	Nickel PBT	Polyester	78	N/A



Bulkhead Receptacle Jack

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
TWB6351B1-NPB3G-95	N/A	Nickel PBT	Polyester	78	N/A

