

TWIN COAXIAL CONNECTORS

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: 0–200MHz, 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

TWIN COAXIAL CONNECTORS

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 Connex for samples and quotes.

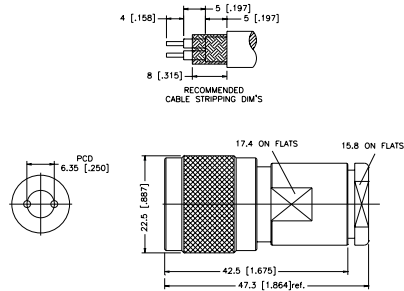
All dimensions are shown in millimeters [inches].

C A B L E			G R O U P			L E G E N D		
01	58/ 58A/ 58C/ 141/ 303/ LMR195™/ B7806A	06A	179/ U DOUBLE BRAIDED	09	B8227/ 89207			
01A	55/ 142/ 223/ 400	07	8/ 8A/ 213/ 393	10	.141 SEMI-RIGID/ 402/U			
01B	LMR200™/ B7807A	07A	214	11	.085 SEMI-RIGID/ 405/U			
02	58 PLENUM/THINNET/ 122U/ B88240/ B89907	07B	8X/ LMR240™/ B7808A	12	.250 SEMI-RIGID			
03	59/ 62/ 140/ 210	07C	B9913/ LMR400™/ B7810A/ B8214	13	.047 SEMI-RIGID/ B1674A			
03A	59/ U-20AWG	07D	B89913	14	178/ 196			
04	59/ U PLENUM	07E	11	15	B8281/ B9231/ B9141			
04A	59/ U PLENUM-20AWG	07F	11/ U-14AWG/ B8213/ B9292/ B7731/ B1859A	15A	B88281			
05	174/ 188A/ 316/ B7805A	08	6/ 143/ 212	16	180/ 195/ 122/ B8218/ B1865A/ B1855			
05A	316/ U DOUBLE BRAIDED	08A	B1694A/ B9248	17	LMR600™			
06	179/ 187/ B9221	08B	6 PLENUM/ B1695A	18	AT&T734A/ B1505A			
				19	AT&T735A/ B735A1			

TWIN CONTACTS/KEYED 90°

STRAIGHT PLUG

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162100	09	Nickel	PBT Polyester	100	N/A
		IBM 7362229			
		BELDEN 9207			
162112	09	Nickel	PBT Polyester	100	N/A
		BELDEN 89207			

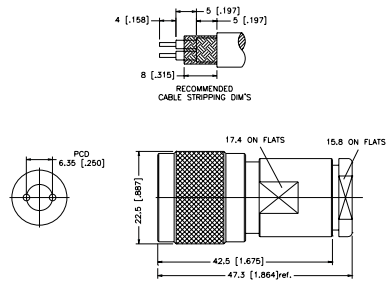


1 gold, 1 silver contact are available

STRAIGHT PLUG

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162101	09	Nickel	PBT Polyester	100	N/A

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

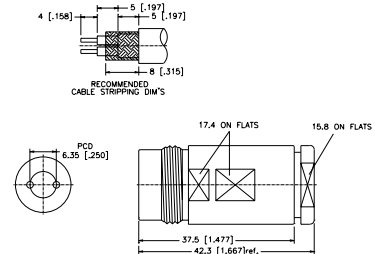


1 gold, 1 silver contact are available

STRAIGHT JACK

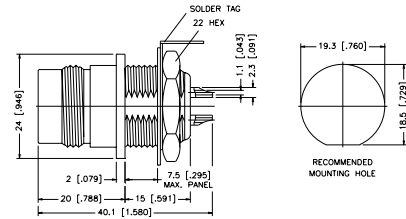
P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162102	09	Nickel	PBT Polyester	100	N/A

Remark: IBM 6838959



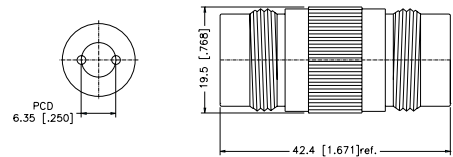
BULKHEAD RECEPTACLE JACK

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162103	N/A	Nickel	PBT Polyester	100	N/A
IBM 7362179					
162113	N/A	Nickel	PBT Polyester	100	N/A
DIECAST BODY					



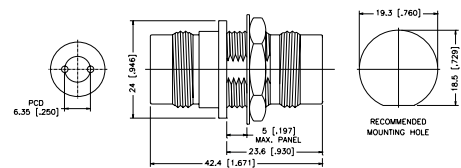
JACK-TO-JACK FEEDTHROUGH ADAPTER

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162104	N/A	Nickel	PBT Polyester	100	N/A
Remark: IBM 7362230					



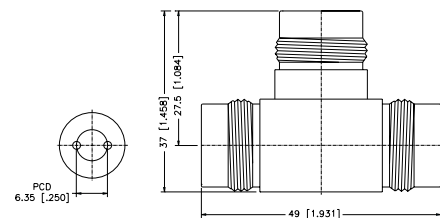
BULKHEAD JACK-TO-JACK ADAPTER

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162105	N/A	Nickel	PBT Polyester	100	N/A



TEE ADAPTER JACK-JACK-JACK

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162106	N/A	Nickel	PBT Polyester	100	N/A
Remark: IBM 6851167					



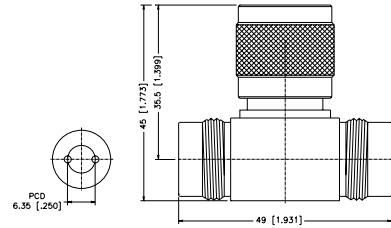
TWIN CONTACTS/KEYED 90°

For Cable Group Legend, see page 162

TEE ADAPTER JACK-PLUG-JACK

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162107	N/A	Nickel	PBT Polyester	100	N/A

Remark: IBM 4178269

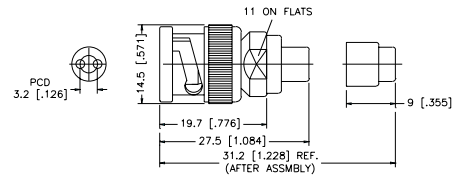


BNC POLARIZED CONTACT/ONE MALE, ONE FEMALE

STRAIGHT CRIMP PLUG

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162108	RG-108A/U	Nickel	PBT Polyester	78	*

*Call Connex Marketing for crimp tool information.



BULKHEAD RECEPTACLE JACK

P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162109	N/A	Nickel	PBT Polyester	78	N/A

