



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.

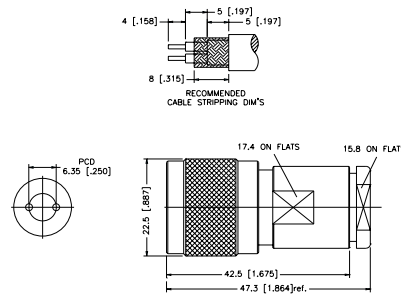
All dimensions are shown in millimeters [inches].

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					

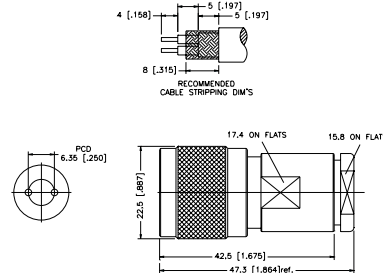


1 gold, 1 silver contact are available

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]

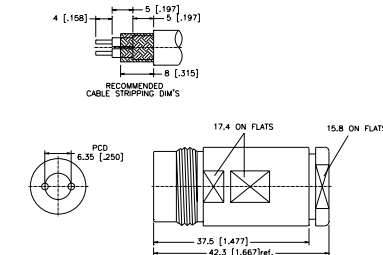


1 gold, 1 silver contact are available

STRAIGHT JACK

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

Remark: IBM 6838959

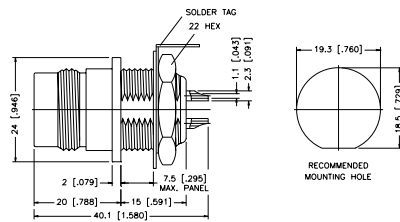


TWIN CONTACTS/KEYED 90°

For Cable Group Legend, see page 162

BULKHEAD RECEPTACLE JACK

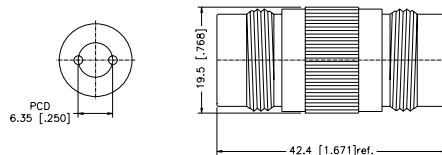
P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162103	N/A	Nickel	PBT Polyester	100	N/A
IBM 7362179					
162113	N/A	Nickel	PBT Polyester	100	N/A
DIECAST BODY					



JACK-TO-JACK FEEDTHROUGH ADAPTER

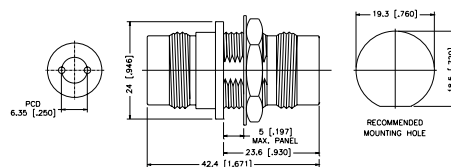
P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162104	N/A	Nickel	PBT Polyester	100	N/A

Remark: IBM 7362230



BULKHEAD JACK-TO-JACK ADAPTER

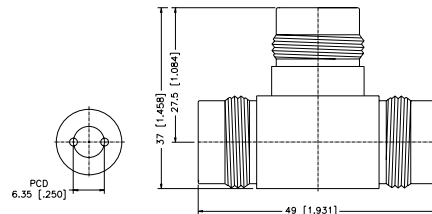
P.N.	Cable Group	Finish	Insulation	Impedance	Crimp Tool
162105	N/A	Nickel	PBT Polyester	100	N/A



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



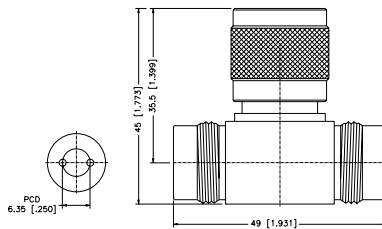
TWIN CONTACTS/KEYED 90°

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

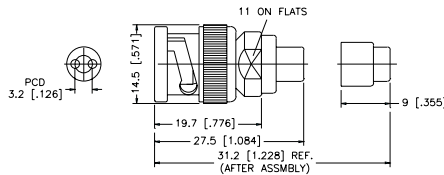
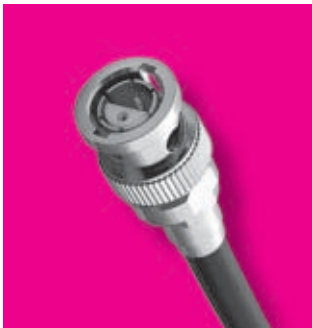


BNC POLARIZED CONTACT/ONE MALE, ONE FEMALE

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

