



**SPECIALTY
CONNECTOR CO., INC.**

These connectors are the same as the regular BNC triax series except the center contacts are reversed to achieve the polarization. They only mate within their own series. They were designed so they could be used side by side with the regular BNC triax series but would not mate with them.

MATERIALS:

Brass per QQ-B-626 composition 22½ HD.
Beryllium copper per QQ-C-530 heat treated to condition HT.
Teflon per L-P-503
Rubber per ZZ-R-765

FINISHES:

Silver plating per QQ-S-365
Gold plating per MIL-G-45204
Proprietary bright nickel (IP23)

ELECTRICAL SPECS:

Impedance - non constant
Insulation resistance: 5000 Megohms
Voltage rating: 400 VRMS
Contact resistance: Center 5.0 MILLIOHMS max.
Intermediate .5 MILLIOHMS max.
Outer .2 MILLIOHMS max. silver or gold only

ENVIRONMENTAL:

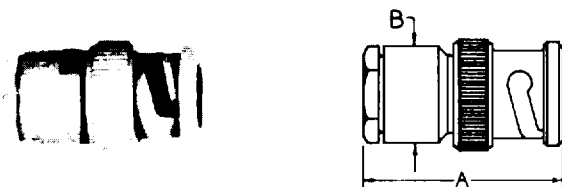
Temperature range: -65° to + 165°C
Salt spray test per MIL-STD-202 (Method 101)
Moisture resistance test per MIL-STD-202 (Method 106)

BNC TRIAX POLARIZED SERIES



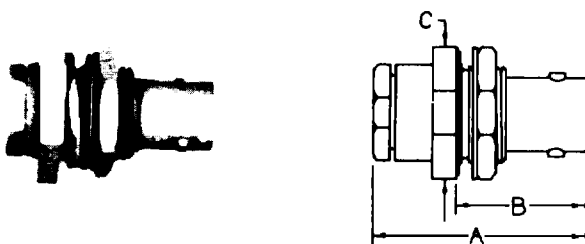
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BNC TRIAX PLUG — POLARIZED



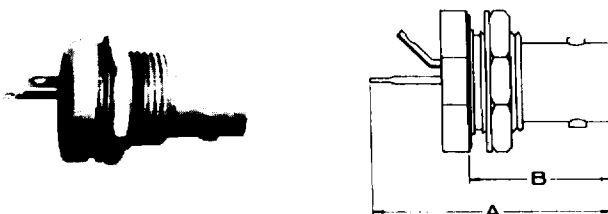
S/C Part No.	Triaxial Cable	Dimension		Engr. Data	Assy. Inst.
		A	B		
31P101-1	Microdot 250-4070	1-15 16	1 2	3 Lug-Crimp Braid	AI-16
31P101-2	Microdot 295-3996	1-15 16	1 2	3 Lug-Crimp Braid	AI-16
31P104-1	Essex 621-106	1-27 64	1 2		AI-15
31P105-1	Essex 27-738	1-27 64	1 2		AI-15
31P106-1	Essex 21-204	1-27 64	1 2		
31P108-1	RG108A U	1-13 32	1 2	Straight Cut Style	AI-90
31P109-1	RG108A U	1-13 32	1 2	3 Lug Str. Cut Style	AI-90
31P110-1	CoAxCo 1102	1-27 64	1 2		AI-92

BNC TRIAX JACK — POLARIZED — SINGLE HOLE MOUNT



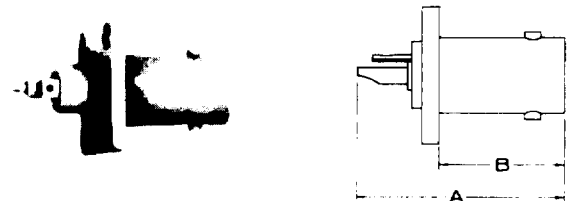
S/C Part No.	Triaxial Cable	Dimension			Mtg. Hole	Engr. Angr. Data	Assy. Inst.
		A	B	C			
31JS102-1	Microdot 250-4070	1-7 16	43 64	11 16	D4	3 Lug	AI-15
31JS102-2	Microdot 295-3996	1-7 16	43 64	11 16	D4	3 Lug	AI-15
31JS103-1	Essex 21-738	1-7 16	43 64	11 16	D4		AI-15

BNC TRIAX JACK RECEPTACLE — POLARIZED — SINGLE HOLE MOUNT



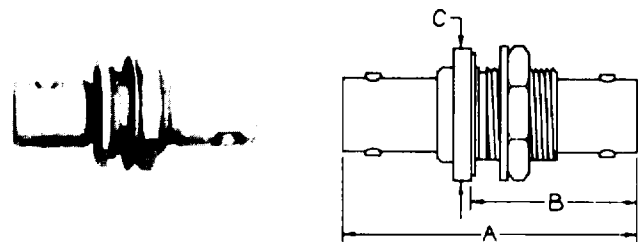
S/C Part No.	Dimension		Mtg. Hole	Engr. Data
	A	B		
31JR100-1	1-19 64	53 64	D4	Herm. Sealed 3 Lug
31JR101-1	1-19 64	53 64	D4	Herm. Sealed

BNC TRIAX JACK RECEPTACLE — POLARIZED — FLANGE MOUNT



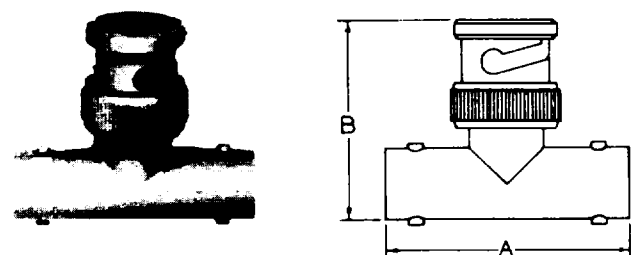
S/C Part No.	Dimension		Mtg. Plate	Engr. Data
	A	B		
31JR102-1	1-5 64	5 8	3B	

BNC TRIAX ADAPTER STRAIGHT — POLARIZED — SINGLE HOLE MOUNT



S/C Part No.	Adapter Ends	Dimension			Mtg. Hole	Engr. Data
		A	B	C		
31AS100-1	Jack-Jack	1-25 64	47 64	11 16	D4	Herm. Seal

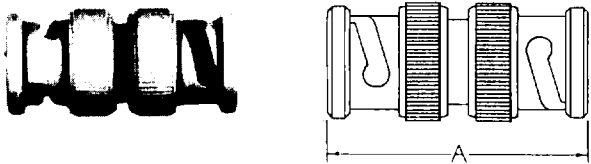
BNC TRIAX ADAPTER TEE — POLARIZED



S/C Part No.	Adapter Ends	Dimension		Engr. Data
		A	B	
31AT100-1	Jack-Plug-Jack	1-9 32	1-3 32	Cube Const.

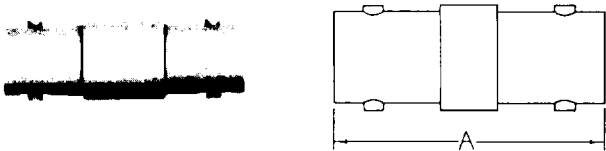
BNC TRIAX POLARIZED SERIES

BNC TRIAX ADAPTER — PLUG-PLUG — POLARIZED



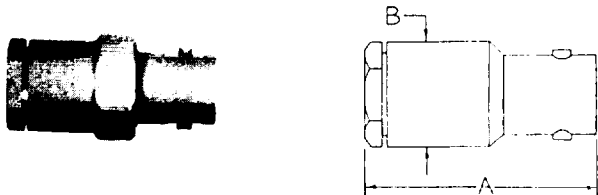
S/C Part No.	Dimension	Engr. Data
	A	
31A101-1	1-9/16	3 Lug
31A101-2	1-9/16	

BNC TRIAX ADAPTER — JACK-JACK — POLARIZED



S/C Part No.	Dimension	Engr. Data
	A	
31A100-1	1-23/64	3 Lug
31A100-2	1-23/64	

BNC TRIAX JACK — POLARIZED



S/C Part No.	Triaxial Cable	Dimension		Engr. Angr. Data	Assy. Inst.
		A	B		
31J101-1	Essex 21-738	1-7/16	9/16 HEX		AI-15