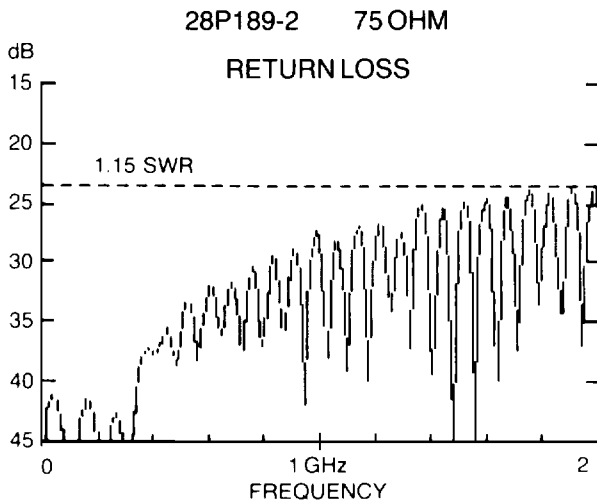


BNC SERIES - 75 OHM



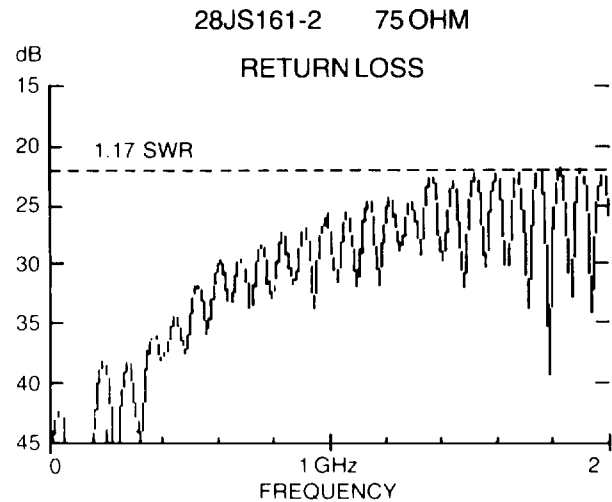
**SPECIALTY
CONNECTOR CO., INC.**

This series is patterned from the standard 50 OHM BNC series. It will intermate with the 50 OHM BNC's. In order to obtain 75 OHMs the contact diameters have been reduced back of the mating face and some of the insulator has been removed from the mating area. They are weatherproof and will meet all the environmental requirements of the 50 ohm BNC series. They will operate with very little electrical loss up to 2 GHZ. At the present time test equipment only allows checking VSWR up to 2 GHZ. Return loss curves are shown below:



Limits: Upper Lower
Return: 23.4 OFF (dB)

RF level: 10.0 dBm



Limits: Upper Lower
Return: 22 Off (dB)

RF level: 10.0 dBm

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 per MIL-G-45204
Proprietary bright nickel (IP23)

ELECTRICAL SPECS: Nominal impedance: 75 ohms
Frequency range: 0 to 2 GHz
VSWR: 1.17 max.
Voltage rating: 500 VRMS
Insulation resistance: 5000 MEGOHMS
Contact resistance: Center 1.5 MILLIOHMS max.
Outer .2 MILLIOHMS max.

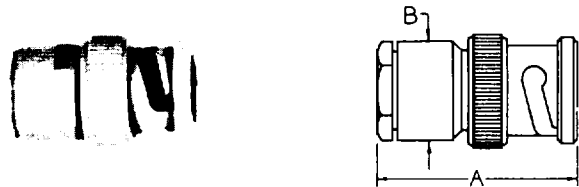
ENVIRONMENTAL: Temperature range: -65° to + 165°C
Salt spray test per MIL-STD-202 (Method 101)
Moisture resistance test per MIL-STD-202 (Method 106)

BNC SERIES - 75 OHM



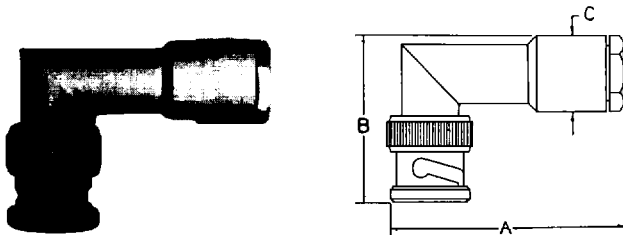
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CONNECTOR CO., INC.**

BNC PLUG — STRAIGHT — 75 OHM



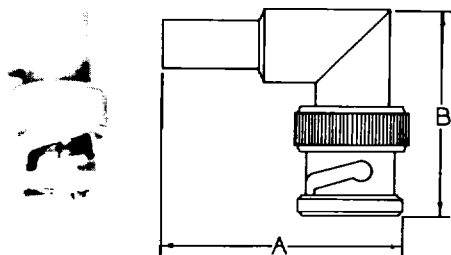
S/C Part No.	Cable RG-/U	Dimension		Engr. Data	Assy. Inst.
		A	B		
28P189-1	21-597 Belden 8218	1-3/64	1/2	Captive Contact	AI-20
28P189-2	59	1-3/64	1/2	Captive Contact	AI-20
28P189-7	Belden 9266	1-3/64	1/2	Captive Contact	AI-20
28P212-1	Belden 8281, 9231	1-3/64	1/2	Captive Contact	AI-32
28P212-2	Belden 9248	1-3/64	1/2	Captive Contact	AI-32
28P282-1	Belden 8281	1-1/16	9/16	Straight Cut Style	AI-55
28P284-1	59	1-1/16	1/2	Straight Cut Style	AI-12
28P284-2	Belden 8218	1-1/16	1/2	Straight Cut Style	AI-12
28P284-3	302	1-1/16	1/2	Straight Cut Style	AI-12
28P284-4	179, 187	1-1/16	1/2	Straight Cut Style	AI-12

BNC PLUG — RIGHT ANGLE — 75 OHM



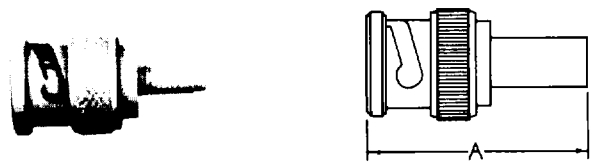
S/C Part No.	Cable RG-/U	Dimension			Engr. Data	Assy. Inst.
		A	B	C		
28P243-1	R659	1-9/16	1-3/32	1/2	Improved Hdwe.	AI-20
28P243-2	21-597 Belden 8218	1-9/16	1-3/32	1/2	Improved Hdwe.	AI-20
28P245-1	Belden 8281, 9231	1-9/16	1-3/32	1/2		AI-32

BNC PLUG — RIGHT ANGLE — SHORT CRIMP — 75 OHM



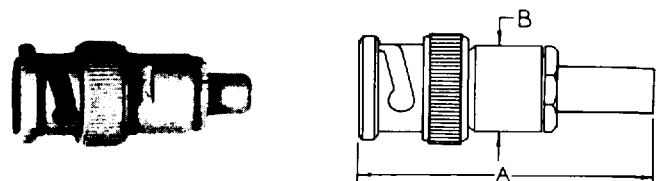
S/C Part No.	Cable RG-/U	Crimp Tool	Dimension		Engr. Data
			A	B	
28P268-1	59	.255 HEX	1-1/64	57/64	Access Cap
28P268-3	174, 179, 316	.128 HEX	1-1/64	57/64	Access Cap

BNC PLUG — STRAIGHT — SHORT CRIMP — 75 OHM



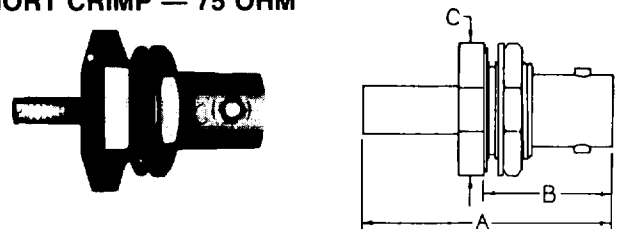
S/C Part No.	Cable RG-/U	Crimp Tool	Dimension	Engr. Data	Assy. Inst.
			A		
28P293-1	59	.255 HEX	1-5/32	Captive Contact	AI-26
28P293-2	179, 187	.128 HEX	1-5/32	Captive Contact	AI-26

BNC PLUG — STRAIGHT — LONG CRIMP — 75 OHM



S/C Part No.	Cable RG-/U	Crimp Tool	Dimension		Engr. Data
			A	B	
28P290-1	174, 179, 316	.128 HEX	1-35/64	1/2	Captive Contact
28P294-1	Belden 8281	.324 HEX	1-17/32	1/2	Captive Contact

BNC JACK — STRAIGHT — SINGLE HOLE MOUNT — SHORT CRIMP — 75 OHM



S/C Part No.	Cable RG-/U	Crimp Tool	Dimension			Mtg. Hole	Engr. Data	Assy. Inst.
			A	B	C			
28JS171-1	174, 187	.178 HEX	1-5/16	43-64	11/16	D4		
28JS171-2	59	.255 HEX	1-5/16	43-64	11/16	D4		
28JS209-1	59	.255 HEX	1-9/32	13/16	11/16	D4	Cap. Contact	AI-26
28JS209-2	174, 316	.128 HEX	1-9/32	13/16	11/16	D4	Cap. Contact	AI-26

BNC JACK — STRAIGHT — SINGLE HOLE MOUNT — — 75 OHM



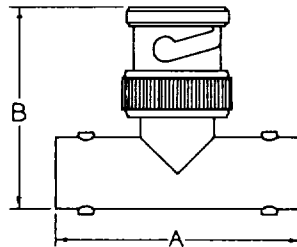
S/C Part No.	Cable RG-/U	Dimension			Mtg. Hole	Engr. Data	Assy. Inst.
		A	B	C			
28JS161-1	21-597 Belden 8218	1-1/8	13/16	11/16	D4	Captive Contact	AI-20
28JS161-2	59	1-1/8	13/16	11/16	D4	Captive Contact	AI-20
28JS161-3	174, 179, 187	1-1/8	13/16	11/16	D4	Captive Contact	AI-20
28JS161-6	Belden 9266	1-1/8	13/16	11/16	D4	Captive Contact	AI-20
28JS203-1	Belden 8281 9231	1-1/8	13/16	11/16	D4	Captive Contact	AI-32
28JS203-2	Belden 9248	1-1/8	13/16	11/16	D4	Captive Contact	AI-32

BNC SERIES - 75 OHM



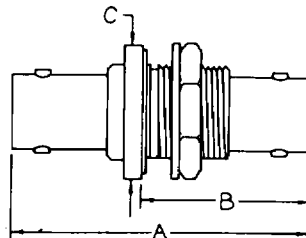
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BNC ADAPTER — TEE — 75 OHM



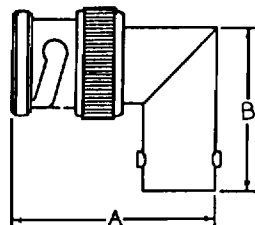
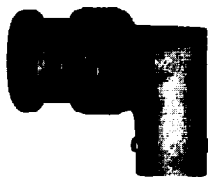
S/C Part No.	Adapter Ends	Dimension		Engr. Data
		A	B	
28AT109-1	Jack-Plug-Jack	1-9/32	1-1/32	
28AT112-1	Plug-Plug-Plug	1-13/16	1-7/32	
28AT113-1	Jack-Jack-Jack	1-9/32	57/64	

BNC ADAPTER — STRAIGHT — SINGLE HOLE MOUNT — 75 OHM



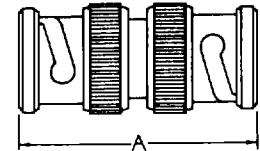
S/C Part No.	Adapter Ends	Dimension			Mtg. Hole	Engr. Data
		A	B	C		
28AS112-1	Jack-Jack	1-9/32	49/64	11/16 HEX	D4	

BNC ADAPTER — RIGHT ANGLE — 75 OHM



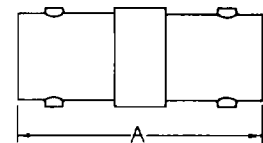
S/C Part No.	Adapter Ends	Dimension		Engr. Data
		A	B	
28AR102-2	Plug-Jack	1-1/32	51/64	

BNC ADAPTER — STRAIGHT — 75 OHM



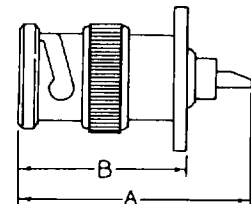
S/C Part No.	Adapter Ends	Dimension	Engr. Data
		A	
28A111-2	Plug-Plug	1-15/64	

BNC ADAPTER — STRAIGHT — 75 OHM



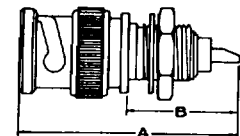
S/C Part No.	Adapter Ends	Dimension	Engr. Data
		A	
28A110-2	Jack-Jack	1-9/32	

BNC PLUG RECEPTACLE — FLANGE MOUNT — 75 OHM



S/C Part No.	Mtg. Plate	Dimension		Engr. Data
		A	B	
28PR136-1	2B	1-1/4	27/32	

BNC PLUG RECEPTACLE — SINGLE HOLE MOUNT — 75 OHM



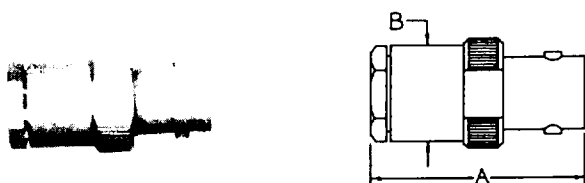
S/C Part No.	Dimension		Mtg. Hole	Engr. Data
	A	B		
28PR124-1	1-1/4	37/64	D8	

BNC SERIES - 75 OHM



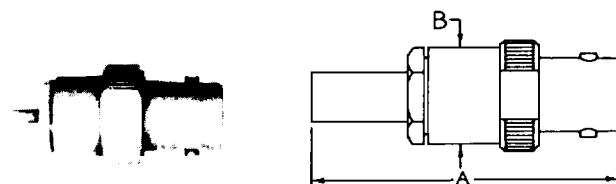
**SPECIALTY
CONNECTOR CO., INC.**

BNC JACK — STRAIGHT — 75 OHM



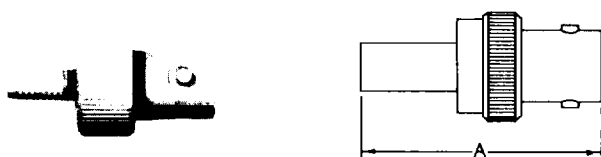
S/C Part No.	Cable RG-U	Dimension		Engr. Data	Assy. Inst.
		A	B		
28J138-1	59	1-1/8	1/2	Captive Contact	AI-20
28J138-2	21-597 Belden 8218	1-1/8	1/2	Captive Contact	AI-20
28J143-1	Belden 8281	1-1/8	1/2	Captive Contact	AI-32

BNC JACK — STRAIGHT — LONG CRIMP — 75 OHM



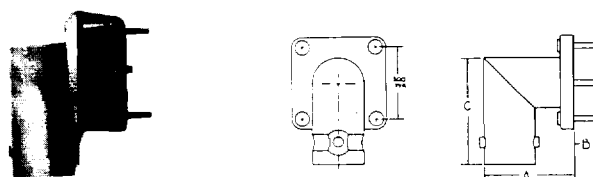
S/C Part No.	Cable RG-U	Crimp Tool	Dimension		Engr. Data
			A	B	
28J168-1	Belden 8281	.324 HEX	1-1/2	1/2	Captive Contact

BNC JACK — STRAIGHT — SHORT CRIMP — 75 OHM



S/C Part No.	Cable RG-U	Crimp Tool	Dimension	Engr. Data	Assy. Inst.
			A		
28J169-1	59	255 HEX	1-9/32	Captive Contact	AI-26

BNC JACK RECEPTACLE — 75 OHM — RIGHT ANGLE — PRINTED CIRCUIT BOARD MOUNT



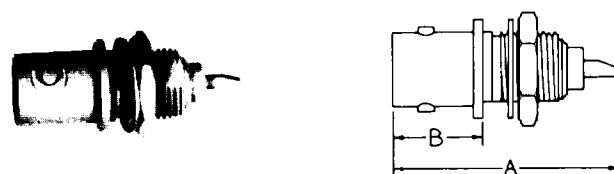
S/C Part No.	Dimension			Engr. Data
	A	B	C	
28JR327-1	39/64	189	51/64	.038 Dia. Legs

BNC JACK RECEPTACLE — STRAIGHT — FLANGE MOUNT — 75 OHM



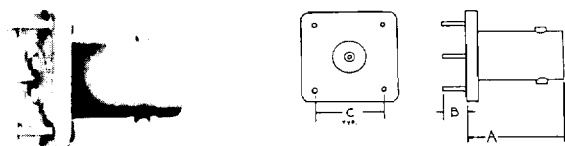
S/C Part No.	Dimension		Mtg. Plate	Engr. Data
	A	B		
28JR258-1	61/64	5/8	3B	

BNC JACK RECEPTACLE — STRAIGHT — SINGLE HOLE MOUNT — 75 OHM



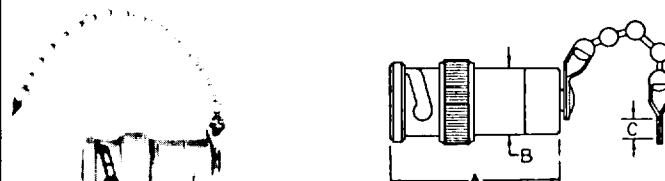
S/C Part No.	Dimension		Mtg. Hole	Engr. Data
	A	B		
28JR217-2	61/64	33/64		Screws into 3/8-32 Tapped Hole
28JR261-1	1-19/64	19/32	DD2	
28JR268-1	1-1/16	35/64	D8	
28JR343-1	51/64	15/32	D8	
28JR345-1	51/64	5/8	D5	Reverse Mount

BNC JACK RECEPTACLE — 75 OHM — PRINTED CIRCUIT BOARD MOUNT



S/C Part No.	Dimension			Engr. Data
	A	B	C	
28JR272-1	45/64	189	500	.038 Dia. Legs

BNC PLUG TERMINATION — 75 OHM



S/C Part No.	Resistor		Dimension			Engr. Data
	Ohm	Watt	A	B	C	
28PO104-2	75	1/2	1-1/4	1/2		No Chain
28PO108-1	75	1/2	1-3/16	1/2	.144	3-1/2" Chain