

NON - ENVIRONMENTAL BACKSHELL



Amphenol Non Environmental Backshell is an effective cable holding mechanism with good strain relief when the environmental protection of the cable termination area is not a concern. Amphenol offers cost effective solutions by eliminating extra sealing parts.

This type of Backshell is suitable for an inside the box/climate controlled room application where heavy cabling should be supported with adequate strain relief.

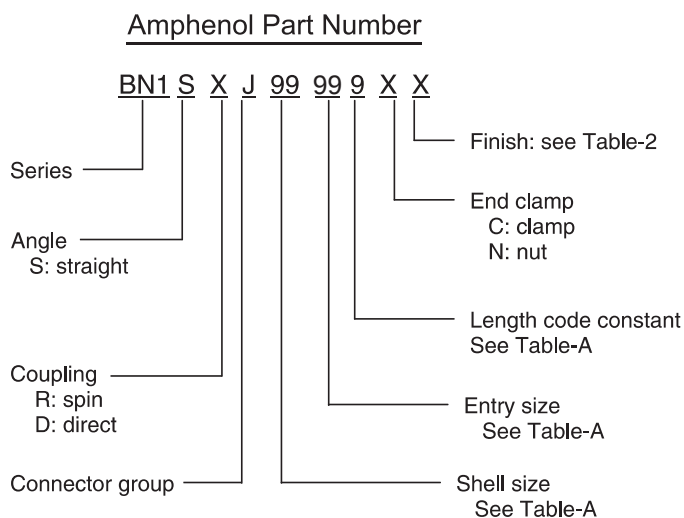
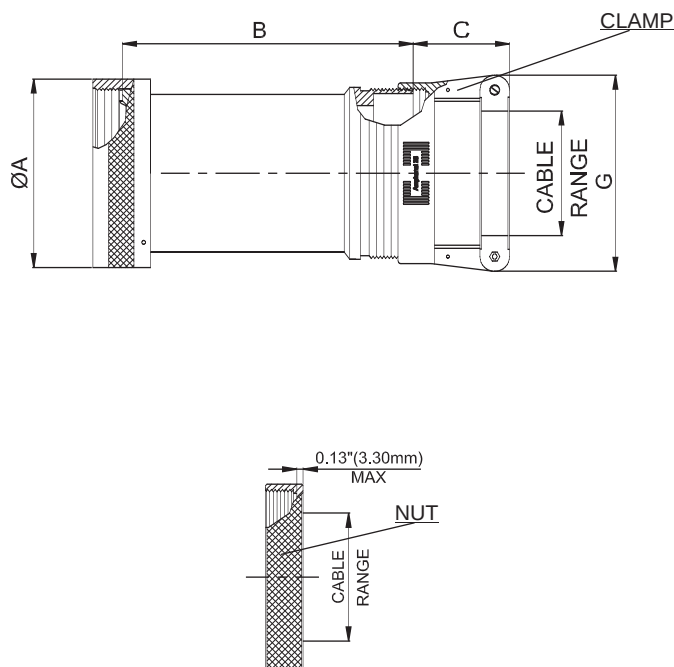
For Connector Group		Page No.
J	→	I-1 - I-6
K	→	I-7 - I-11
L	→	I-12 - I-16
M	→	I-17 - I-21
N	→	I-22 - I-26

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)



Connector Group - J

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
08	01	1	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
		2		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	02	1		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
10	01	1	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	02	1		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	03	1		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
		2		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
12	01	1	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	02	1		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	03	1		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
		2		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	04	1		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	05	1		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
		2		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70

Table Continued

Connector Group - J

Straight

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
14	01	1	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
		2		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	02	1		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	03	1		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	04	1		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
16	01	1	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
		2		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78
	02	1		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	03	1		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	04	1		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	05	1		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
18	01	1	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	02	1		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	03	1		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	04	1		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
05	1	1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10		
	2	1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10		
20	01	1	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	02	1		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	03	1		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	04	1		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	05	1		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	06	1		1.35	34.16	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
		2		1.35	34.16	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.90	22.96
22	01	1	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	02	1		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	03	1		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	04	1		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	05	1		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	06	1		1.47	37.29	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2		1.47	37.29	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	07	1		1.47	37.29	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14
		2		1.47	37.29	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.03	26.14

Table Continued

Connector Group - J

Straight

TABLE - A																	
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE					
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX			
												INCH	MM	INCH	MM		
24	01	1	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
		2		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
	02	1		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62		
		2		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62		
	03	1		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
		2		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
	04	1		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
		2		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
	05	1		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88		
		2		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88		
	06	1		1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06		
		2		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06		
28	01	1	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
		2		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
	02	1		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
		2		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
	03	1		1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
		2		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
	04	1		1.97	50.01	3.13	79.50	1.50	38.10	23.63	600.20	1.00	25.40	1.38	34.93		
		2		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
32	01	1	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
		2		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
	02	1		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	12.50	317.50		
		2		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
	03	1		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
		2		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
	04	1		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
		2		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
36	01	1	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
		2		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75		
	02	1		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
		2		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
	03	1		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
		2		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
	04	1		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63		
		2		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63		
	05	1		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
		2		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
	06	1		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74		
		2		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74		
	07	1		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
		2		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
	40	01		1	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
				2		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
02		1	2.72	69.06		4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
		2	2.72	69.06		5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93		
03		1	2.72	69.06		4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
		2	2.72	69.06		5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28		
04		1	2.72	69.06		4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63		
		2	2.72	69.06		5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63		
05		1	2.72	69.06		4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
		2	2.72	69.06		5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05		
06		1	2.72	69.06		4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		
		2	2.72	69.06		5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80		

Table Continued



Amphenol Non - Environmental Backshell

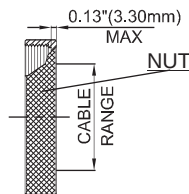
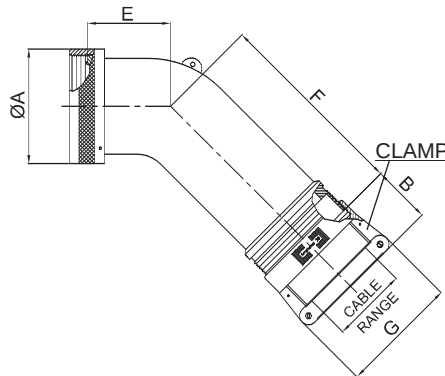
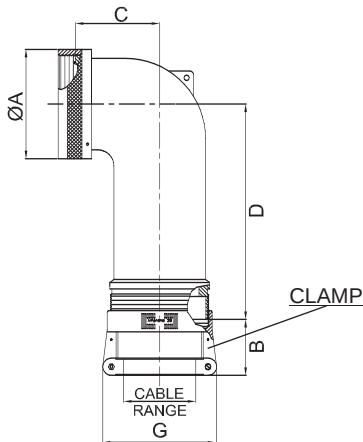
Connector Group - J

Straight

TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
												INCH	MM	INCH	MM
44	01	1	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	05	1		2.97	75.41	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2		2.97	75.41	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
48	01	1	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63

Connector Group - J

90°, 45°



Amphenol Part Number

BN1 X X J 99 99 9 X X
 Series _____
 Angle _____
 A: 90deg
 B: 45deg
 Coupling _____
 R: spin _____
 Connector group _____
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B

NOTE: * For more cable entry options, contact factory

TABLE - B																				
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
																	INCH	MM	INCH	MM
08	01	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
	02		0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
10	02	10	0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	03		0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53	1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	01	7/12	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	02		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	03		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05	1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	04		0.86	21.79	1.03	26.09	0.77	19.56	1.40	35.56	0.75	19.05	1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	01	12/14	0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	02		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57	1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	03		0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	04		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57	2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	01	19/16	1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	02		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11	1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	03		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	04		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	05		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11	2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92

Table Continued

Connector Group - J

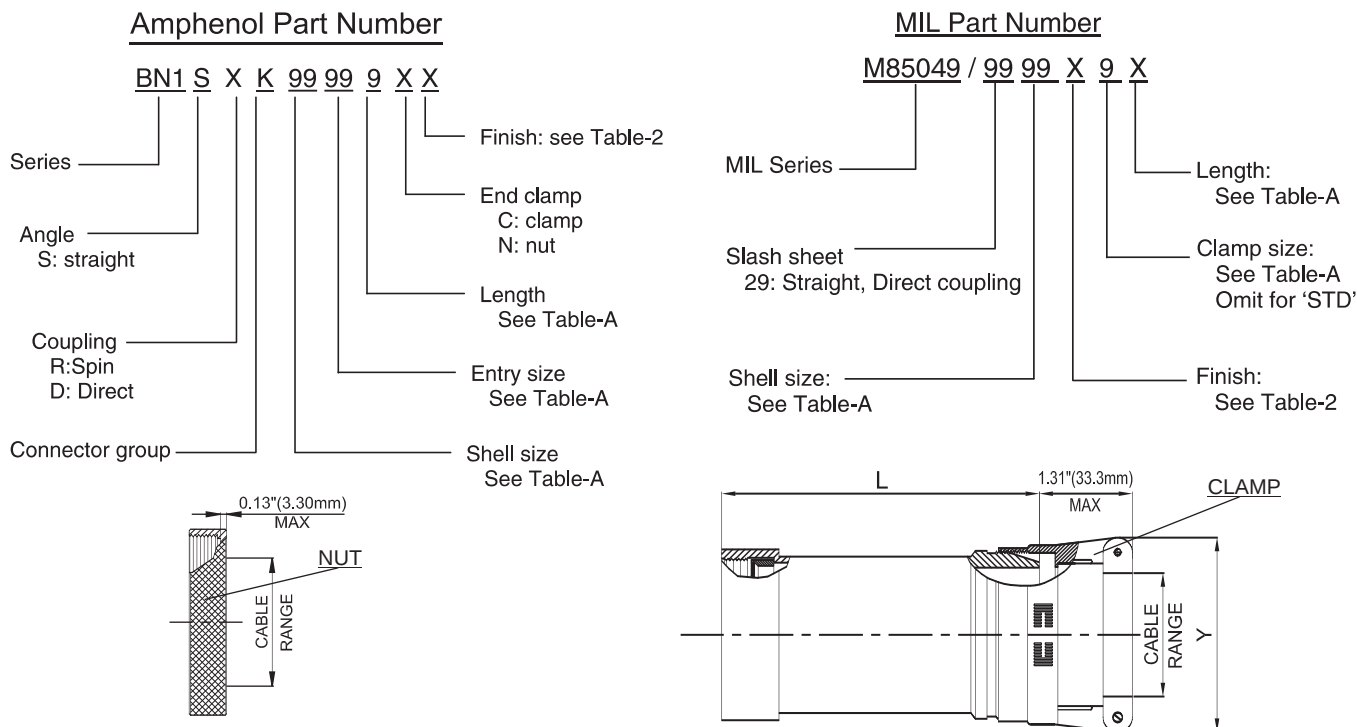
90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
																	MIN		MAX	
			INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	03		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	04		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	05		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	06		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	01	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	02		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69	2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	03		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	04		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69	2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	05		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	01	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	02		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	03		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	04		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	05		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	06		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	07		1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	01	24	1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	02		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23	2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	03		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	04		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23	2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	05		1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32	2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	01	28	1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	02		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27	2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	03		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	04		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27	2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	01	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	03		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05	2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	04		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05	2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	01	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81	2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	04		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	05		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	06		2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	01	40	2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86	2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	05		2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	06		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	01	44	2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04		2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	05		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	01	48	3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86	2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04		3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	05		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86	2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28

Connector Group - K

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
08	01	1	08	1	STD.	8 / 9	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2			A						2.03	51.56		
	02	1		2	STD.		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A						2.03	51.56		
10	01	1	10	1	STD.	10 / 11	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2			A						2.03	51.56		
	02	1		2	STD.		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A						2.03	51.56		
	03	1		3	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
12	01	1	12	2	STD.	12 / 13	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A						2.03	51.56		
	02	1		3	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
	03	1		4	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
14	01	1	14	2	STD.	14 / 15	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		1			STD.						1.03	26.16		
	02	2		3	A		0.25	6.35	0.38	9.53	2.03	51.56	1.06	26.92
		3			B						3.03	76.96		
		1			STD.						1.03	26.16		
		2			A						2.03	51.56		
	03	3		4	B		0.31	7.92	0.50	12.70	3.03	76.96	1.16	29.46
		1			STD.						1.03	26.16		
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	04	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		1			STD.						1.03	26.16		

Table Continued

Amphenol Non - Environmental Backshell

Connector Group - K

Straight

TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
16	01	1	16	2	STD.	16 / 17	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	02	1		3	STD.		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	03	1		4	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	04	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	05	1		6	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2			A						2.03	51.56		
		3			B						3.03	76.96		
18	01	1	18	3	STD.	18 / 19	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2			A						2.03	51.56		
		3			B						3.03	76.96		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2			A						2.03	51.56		
		3			B						3.03	76.96		
20	01	1	20	3	STD.	20 / 21	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	06	1		8	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		

Table Continued

Connector Group - K

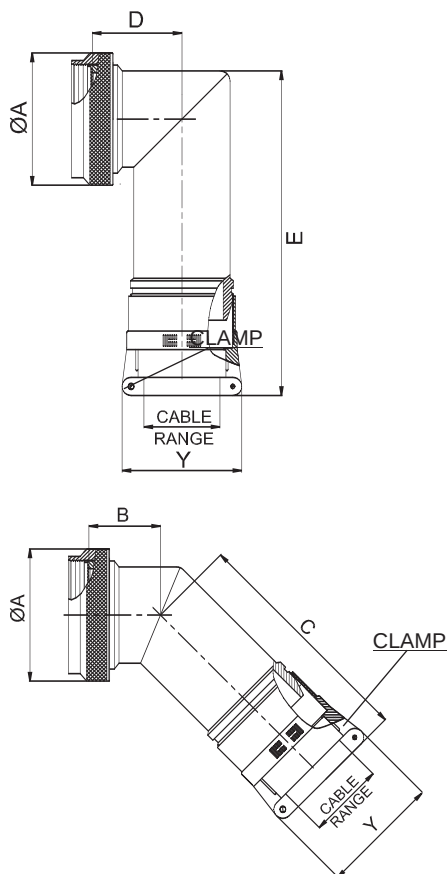
Straight

TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
22	01	1	22	3	STD.	22 / 23	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	06	1		8	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	07	1		9	STD.		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
24	01	1	24	4	STD.	24 / 25	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	02	1		5	STD.		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	03	1		6	STD.		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	04	1		7	STD.		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	05	1		8	STD.		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	06	1		9	STD.		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		
	07	1		10	STD.		1.06	26.97	1.25	31.75	1.03	26.16	1.88	47.75
		2			A						2.03	51.56		
		3			B						3.03	76.96		
		4			C						4.03	102.36		

Amphenol Non - Environmental Backshell

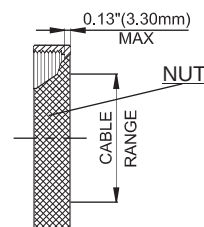
Connector Group - K

90°, 45°



Amphenol Part Number

	BN1	X	X	K	99	99	9	X	X	
Series										Finish: see Table-2
Angle										End clamp C: clamp N: nut
										Length 9: Not applicable
Coupling										Entry size See Table-B
										Shell size See Table-B
Connector group										



NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - II/I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
			INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table Continued

Connector Group - K

90°, 45°

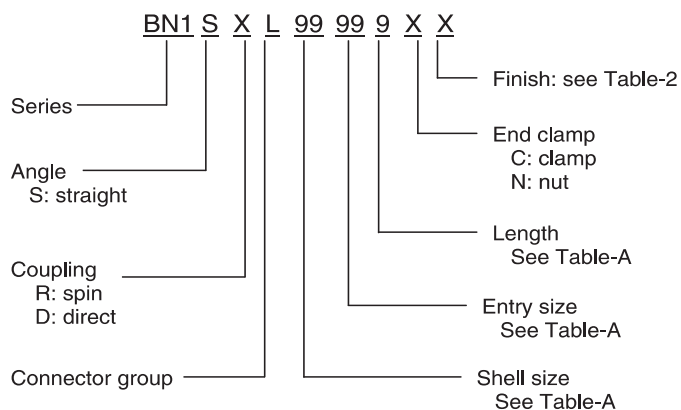
TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22 / 23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24 / 25	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

Amphenol Non - Environmental Backshell

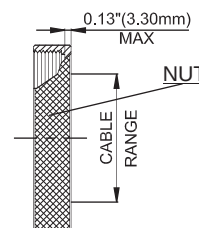
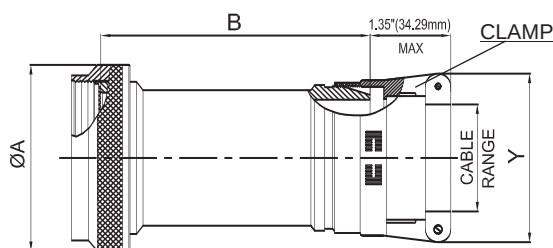
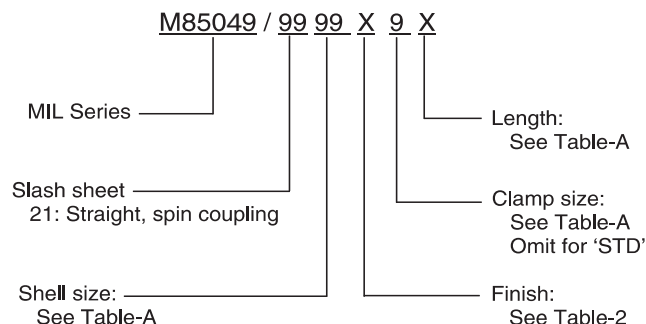
Connector Group - L

Straight

Amphenol Part Number



MIL Part Number



NOTE: * For more cable entry and length options, contact factory

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
08	01	1	09	1	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32
		2			A								2.53	64.26		
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86	1.00	25.40	
		2		A						2.53			64.26			
10	01	1	11	1	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	0.80	20.32
		2			A								2.53	64.26		
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86	1.00	25.40	
		2		A						2.53			64.26			
	03	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.10	27.94	
		2		A						2.53			64.26			
12	01	1	13	2	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
	02	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.10	27.94	
		2		A						2.53			64.26			
	03	1		STD.	0.31		7.92	0.50	12.70	1.53			38.86	1.20	30.48	
		2		A						2.53			64.26			
14	01	1	15	2	STD.	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		1			STD.								1.53	38.86		
	02	2		3	A		0.25	6.35	0.38	9.53			2.53	64.26	1.10	27.94
		3			B								3.53	89.66		
		1			STD.								1.53	38.86		
		2			A								2.53	64.26		
	03	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		1			STD.								1.53	38.86		
	04	2		5	A		0.44	11.10	0.63	15.88			2.53	64.26	1.25	31.75
		3			B								3.53	89.66		

Table Continued

Connector Group - L

Straight

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
16	01	1	17	2	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	03	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	04	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	05	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
18	01	1	19	3	STD.	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	02	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	03	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	04	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	05	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
20	01	1	21	3	STD.	21 / G	0.25	6.35	0.38	9.53	1.50	38.10	1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	02	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	03	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	04	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	05	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	06	1		8	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		

Table Continued

Connector Group - L

Straight

TABLE - A

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	02	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	03	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	04	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	05	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	06	1		8	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	07	1		9	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
24	01	1	25	4	STD.	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	02	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	03	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	04	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	05	1		8	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	06	1		9	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	07	1		10	STD.		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		

Connector Group - L

90°, 45°

Amphenol Part Number

BN1 X X L 99 99 9 X X

Series

Angle
A: 90deg
B: 45deg

Coupling
R: spin
D: direct

Connector group

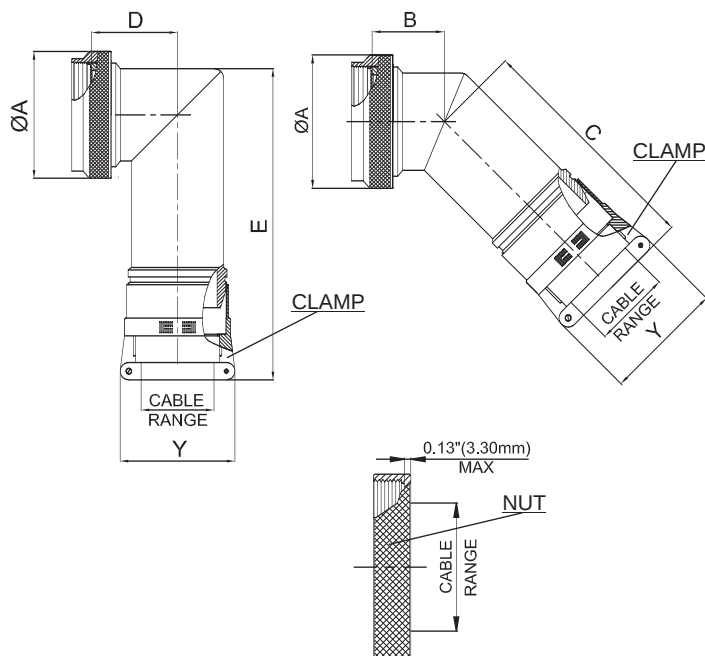
Finish: see Table-2

End clamp
C: clamp
N: nut

Length
9: Not applicable

Entry size
See Table-B

Shell size
See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
14	01	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table Continued

Amphenol Non - Environmental Backshell

Connector Group - L

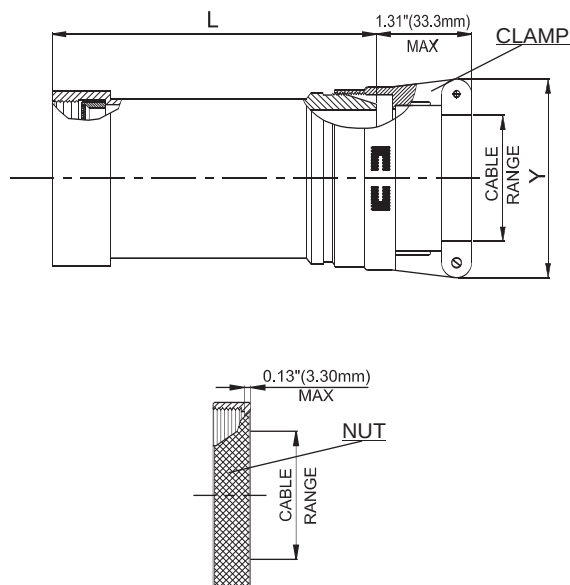
90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH MM		INCH MM		INCH MM		INCH MM		INCH MM		INCH MM	
			INCH	MM	INCH	MM												
16	01	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.40	35.56
18	01	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
22	01	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	25 / J	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.40	35.56
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.65	41.91
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.90	48.26

Connector Group - M

Straight



Amphenol Part Number

	BN1	S	X	M	99	99	9	X	X	
Series										Finish: see Table-2
Angle										End clamp
S: straight										C: clamp
										N: nut
Coupling										Length
R: Spin										See Table-A
D: Direct										Entry size
										See Table-A
Connector group										Shell size
										See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2						2.03	51.56		
	02	1		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
10	01	1	10	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2						2.03	51.56		
	02	1		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
	03	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
12	01	1	12	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
	03	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
14	01	1	14	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
		3						3.03	76.96		
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		

Table Continued

Amphenol Non - Environmental Backshell

Connector Group - M

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM		
				INCH	MM	INCH	MM						
14	03	1	14	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
	04	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
16	01	1	16	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64		
		2						2.03	51.56				
		3						3.03	76.96				
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92		
		2						2.03	51.56				
		3						3.03	76.96				
	03	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
	04	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
	05	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
	18	01		1	18	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
				2						2.03	51.56		
				3						3.03	76.96		
02		1	0.31	7.92		0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
03		1	0.44	11.10		0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
04		1	0.56	14.27		0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
05		1	0.69	17.45		0.88	22.23	1.03	26.16	1.50	38.10		
		2						2.03	51.56				
		3						3.03	76.96				
20		01	1	20		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
			2							2.03	51.56		
			3							3.03	76.96		
	4		4.03		102.36								
	02	1	0.31		7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	03	1	0.44		11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	04	1	0.56		14.27	0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	05	1	0.69		17.45	0.88	22.23	1.03	26.16	1.50	38.10		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	06	1	0.81		20.62	1.00	25.40	1.03	26.16	1.63	41.40		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				

Table Continued

Connector Group - M

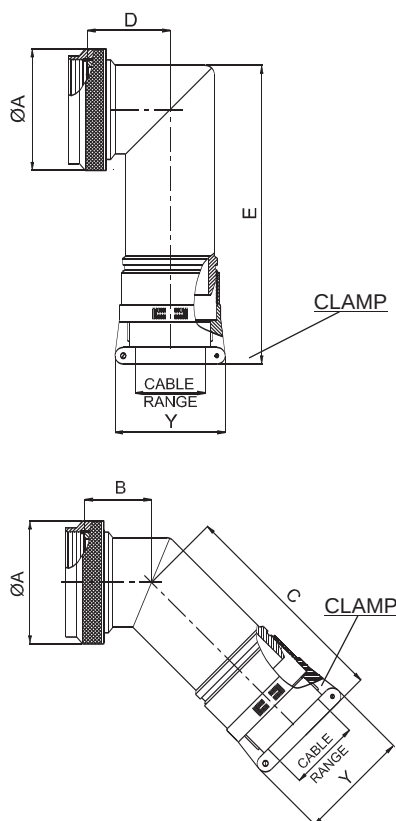
Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX					
				INCH	MM	INCH	MM				
22	01	1	22	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	02	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	03	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	04	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	05	1		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	06	1		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	07	1		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
24	01	1	24	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	02	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	03	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	04	1		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	05	1		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	06	1		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	07	1		1.06	26.97	1.25	31.75	1.03	26.16	1.88	47.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		

Amphenol Non - Environmental Backshell

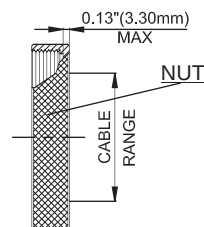
Connector Group - M

90°, 45°



Amphenol Part Number

BN1 X X M 99 99 9 X X
 Series
 Angle
 A: 90deg
 B: 45deg
 Coupling
 R: spin
 Connector group
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table Continued

Connector Group - M

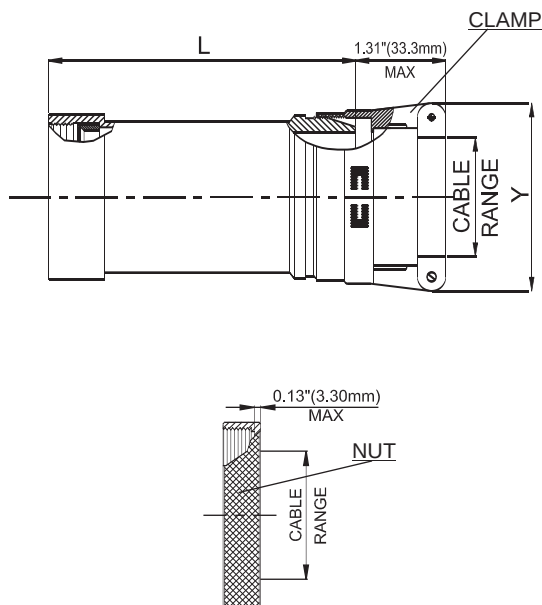
90°, 45°

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

Amphenol Non - Environmental Backshell

Connector Group - N

Straight



Amphenol Part Number

	BN1	S	X	N	99	99	9	X	X	
Series										
Angle										
		S: straight								
Coupling										
		R: Spin								
		D: Direct								
Connector group										
										Finish: see Table-2
										End clamp C: clamp N: nut
										Length See Table-A
										Entry size See Table-A
										Shell size See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2						2.03	51.56		
	02	1		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
10	01	1	10	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2						2.03	51.56		
	02	1		0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
	03	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
12	01	1	12	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
	03	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
14	01	1	14	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2						2.03	51.56		
		3						3.03	76.96		
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		

Table Continued

Connector Group - N

Straight

TABLE - A													
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM		
				INCH	MM	INCH	MM						
14	03	1	14	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
	04	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
16	01	1	16	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64		
		2						2.03	51.56				
		3						3.03	76.96				
	02	1		0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92		
		2						2.03	51.56				
		3						3.03	76.96				
	03	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
	04	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
	05	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
	18	01		1	18	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
				2						2.03	51.56		
				3						3.03	76.96		
02		1	0.31	7.92		0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
03		1	0.44	11.10		0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
04		1	0.56	14.27		0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
05		1	0.69	17.45		0.88	22.23	1.03	26.16	1.50	38.10		
		2						2.03	51.56				
		3						3.03	76.96				
20	01	1	20	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	02	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	03	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	04	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	05	1		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				
	06	1		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40		
		2						2.03	51.56				
		3						3.03	76.96				
		4						4.03	102.36				

Table Continued

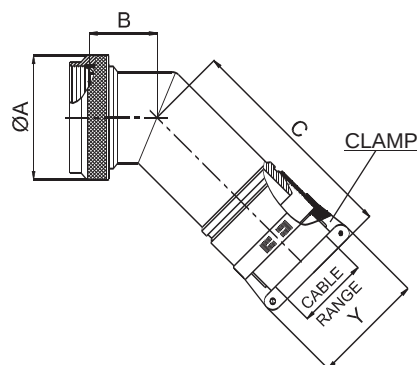
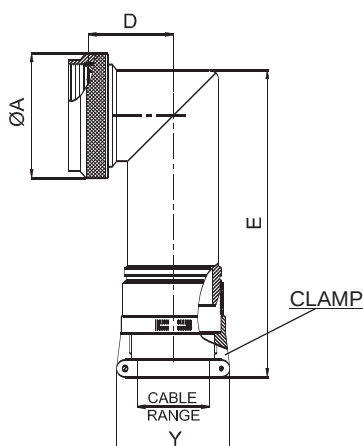
Connector Group - N

Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	01	1	22	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	02	1		0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	03	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
22	04	1	22	0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	05	1		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	06	1		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	07	1		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
24	01	1	24	0.31	7.92	0.50	12.70	1.03	26.16	1.16	29.46
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	02	1		0.44	11.10	0.63	15.88	1.03	26.16	1.25	31.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	03	1		0.56	14.27	0.75	19.05	1.03	26.16	1.38	35.05
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	04	1		0.69	17.45	0.88	22.23	1.03	26.16	1.50	38.10
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	05	1		0.81	20.62	1.00	25.40	1.03	26.16	1.63	41.40
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	06	1		0.94	23.80	1.13	28.58	1.03	26.16	1.75	44.45
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	07	1		1.06	26.97	1.25	31.75	1.03	26.16	1.88	47.75
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		

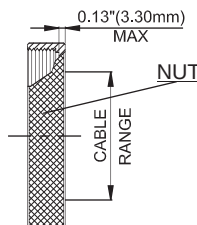
Connector Group - N

90°, 45°



Amphenol Part Number

BN1 X X N 99 99 9 X X
 Series ————
 Angle ————
 A: 90deg
 B: 45deg
 Coupling ————
 R: spin
 Connector group ————
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92

Table Continued

Amphenol Non - Environmental Backshell

Connector Group - N

90°, 45°

TABLE - B																		
SHELL SIZE	ENTRY SIZE	CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	03	16	0.31	7.92	0.50	12.70	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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