

# 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.

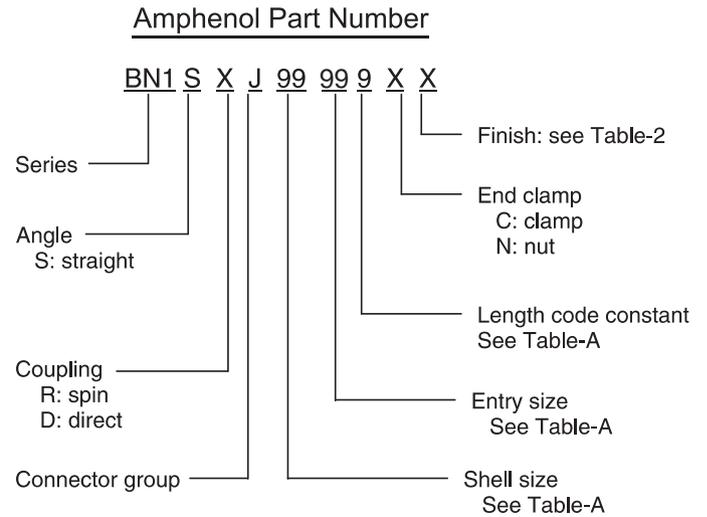
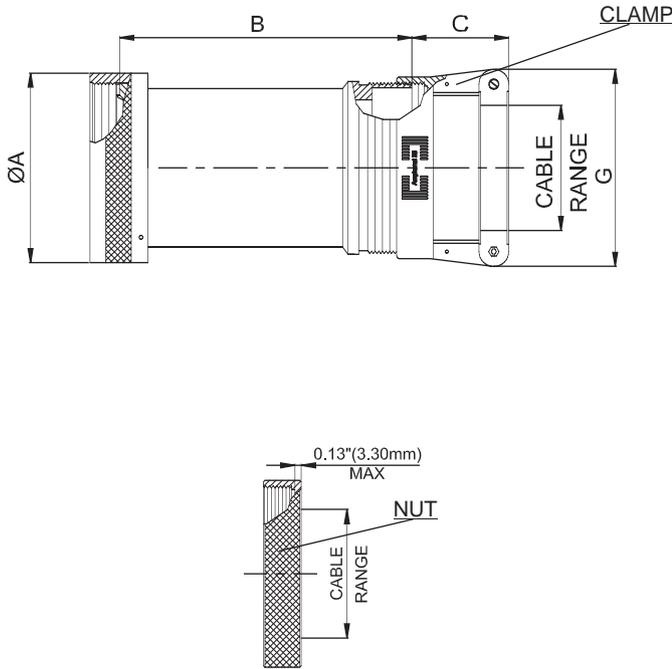
For Connector Group		Page No.
J	→	I-1 - I-6
K	→	I-7 - I-11
L	→	I-12 - I-16
M	→	I-17 - I-21
N	→	I-22 - I-26

**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

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	TABLE - A											
SHELL SIZE	ENTRY SIZE	LENGTH		A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
				INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
08	01	1	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	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	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

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	TABLE - A											
SHELL SIZE	ENTRY SIZE	LENGTH		A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
				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

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	TABLE - A											
SHELL SIZE	ENTRY SIZE	LENGTH		A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
				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	2.36	60.02	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

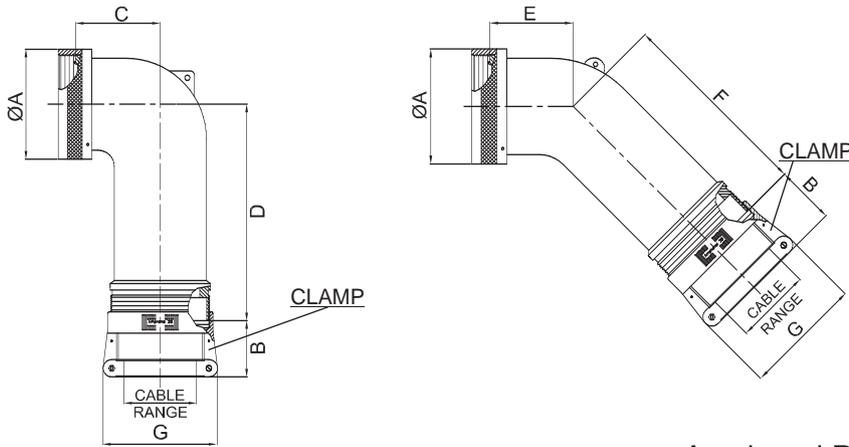
TABLE - A

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

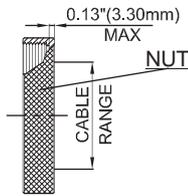
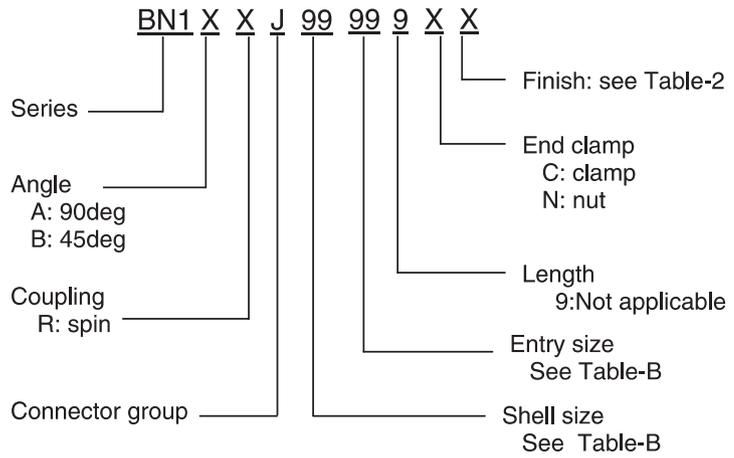


## Connector Group - J

90°, 45°



### Amphenol Part Number



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		MIN		MAX		MIN		MAX		MIN		MAX		MIN		MAX	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	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	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	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	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	0.35	8.89	0.50	12.70		
	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	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

# Amphenol Non - Environmental Backshell

## Connector Group - J

90°, 45°

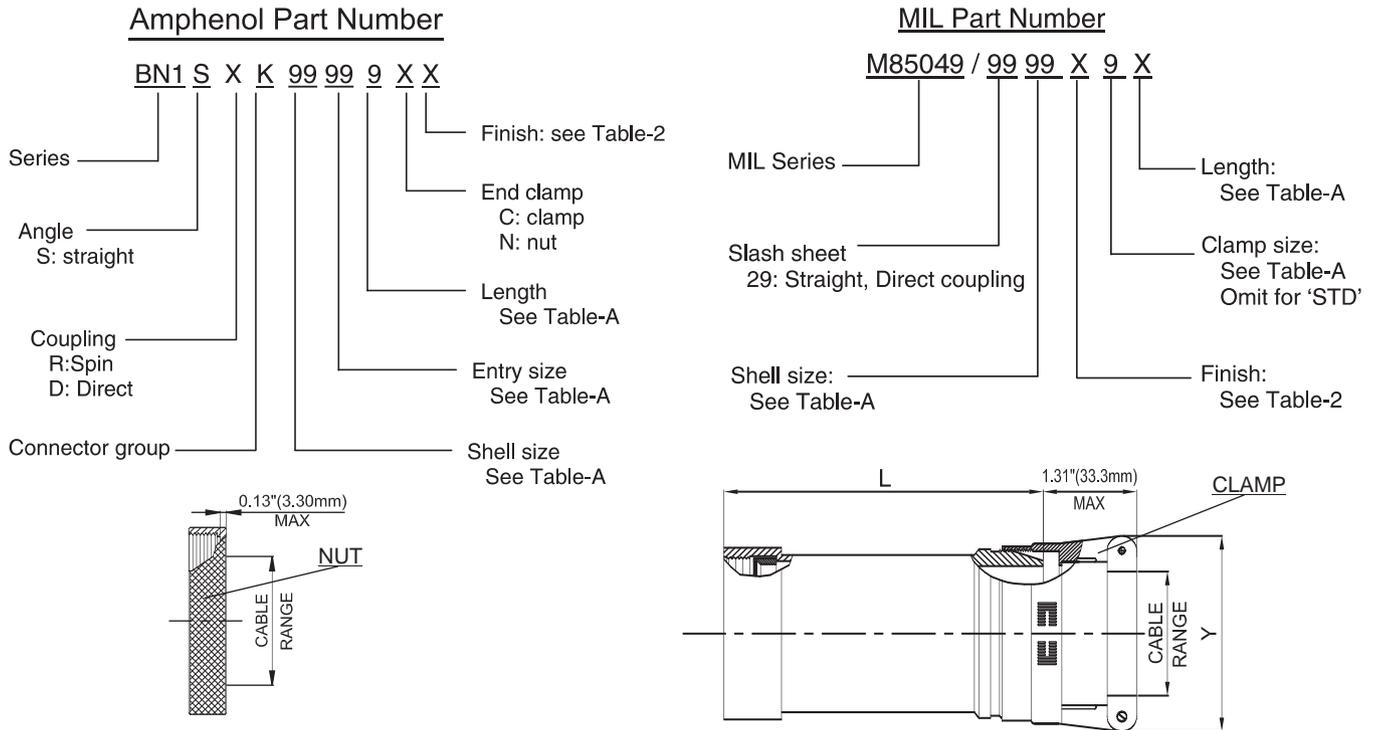
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)		F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
																	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

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			
08	01	1	08	1	STD.	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.	0.06	1.57	0.13	3.18	1.03	26.16	0.78	19.81
		2			A					2.03	51.56		
		3			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		
		3			A					2.03	51.56		
12	01	1	12	2	STD.	0.13	3.18	0.25	6.35	1.03	26.16	0.97	24.64
		2			A					2.03	51.56		
		3			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		
		3			A					2.03	51.56		
14	01	1	14	2	STD.	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		
14	04	1	14	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		

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.		1.03	26.16	0.25	6.35	0.38	9.53	2.03	51.56	1.06	26.92
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	03	1		4	STD.		1.03	26.16	0.31	7.92	0.50	12.70	2.03	51.56	1.16	29.46
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	04	1		5	STD.		1.03	26.16	0.44	11.10	0.63	15.88	2.03	51.56	1.25	31.75
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	05	1		6	STD.		1.03	26.16	0.56	14.27	0.75	19.05	2.03	51.56	1.38	35.05
		2			A		3.03	76.96								
		3			B		1.03	26.16								
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.		1.03	26.16	0.31	7.92	0.50	12.70	2.03	51.56	1.16	29.46
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	03	1		5	STD.		1.03	26.16	0.44	11.10	0.63	15.88	2.03	51.56	1.25	31.75
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	04	1		6	STD.		1.03	26.16	0.56	14.27	0.75	19.05	2.03	51.56	1.38	35.05
		2			A		3.03	76.96								
		3			B		1.03	26.16								
	05	1		7	STD.		1.03	26.16	0.69	17.45	0.88	22.23	2.03	51.56	1.50	38.10
		2			A		3.03	76.96								
		3			B		1.03	26.16								
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.		1.03	26.16	0.31	7.92	0.50	12.70	2.03	51.56	1.16	29.46
		2			A		3.03	76.96								
		3			B		4.03	102.36								
		4			C		1.03	26.16								
	03	1		5	STD.		1.03	26.16	0.44	11.10	0.63	15.88	2.03	51.56	1.25	31.75
		2			A		3.03	76.96								
		3			B		4.03	102.36								
		4			C		1.03	26.16								
	04	1		6	STD.		1.03	26.16	0.56	14.27	0.75	19.05	2.03	51.56	1.38	35.05
		2			A		3.03	76.96								
		3			B		4.03	102.36								
		4			C		1.03	26.16								
	05	1		7	STD.		1.03	26.16	0.69	17.45	0.88	22.23	2.03	51.56	1.50	38.10
		2			A		3.03	76.96								
3		B	4.03		102.36											
4		C	1.03		26.16											
06	1	8	STD.	1.03	26.16	0.81	20.62	1.00	25.40	2.03	51.56	1.63	41.40			
	2		A	3.03	76.96											
	3		B	4.03	102.36											
	4		C	1.03	26.16											

Table Continued



## Connector Group - K

## Straight

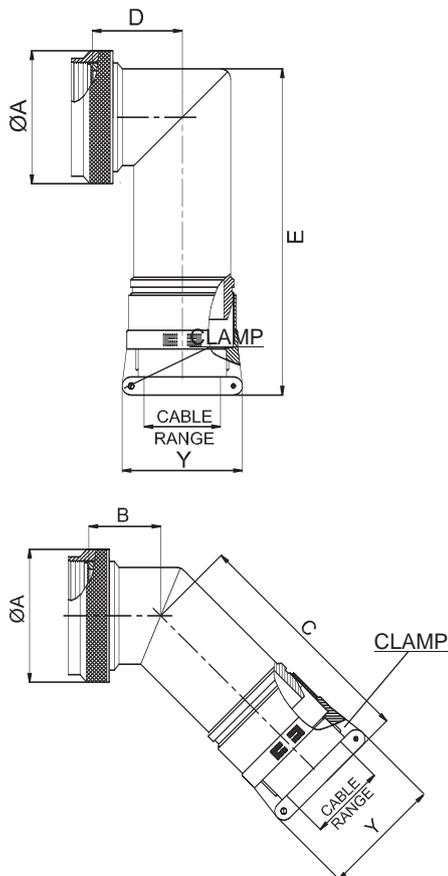
TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE - II / I	CABLE RANGE				L (MAX)		Y (MAX)			
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM		
							INCH	MM	INCH	MM						
22	01	1	22	3	STD.	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.		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.		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.		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.		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.		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.		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.		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.		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.		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.		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.		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.		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			



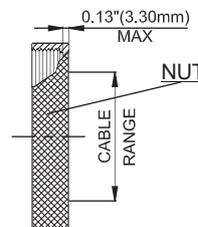
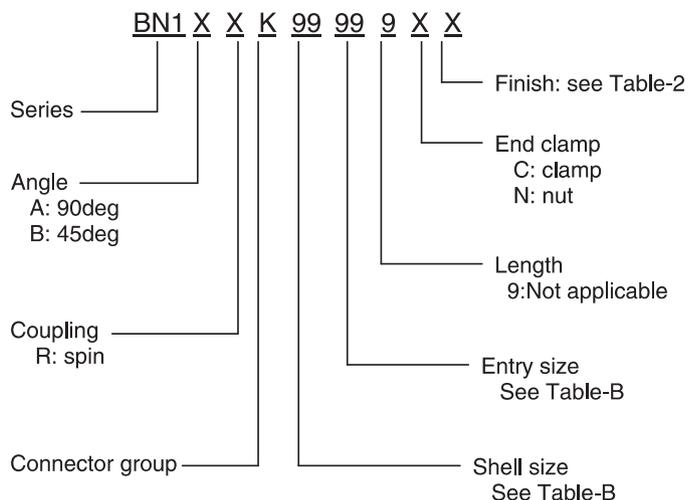
# Amphenol Non - Environmental Backshell

Connector Group - K

90°, 45°



## Amphenol Part Number



**NOTE:** \* For more cable entry options, contact factory

**TABLE - B**

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE - III/I	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 / 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°

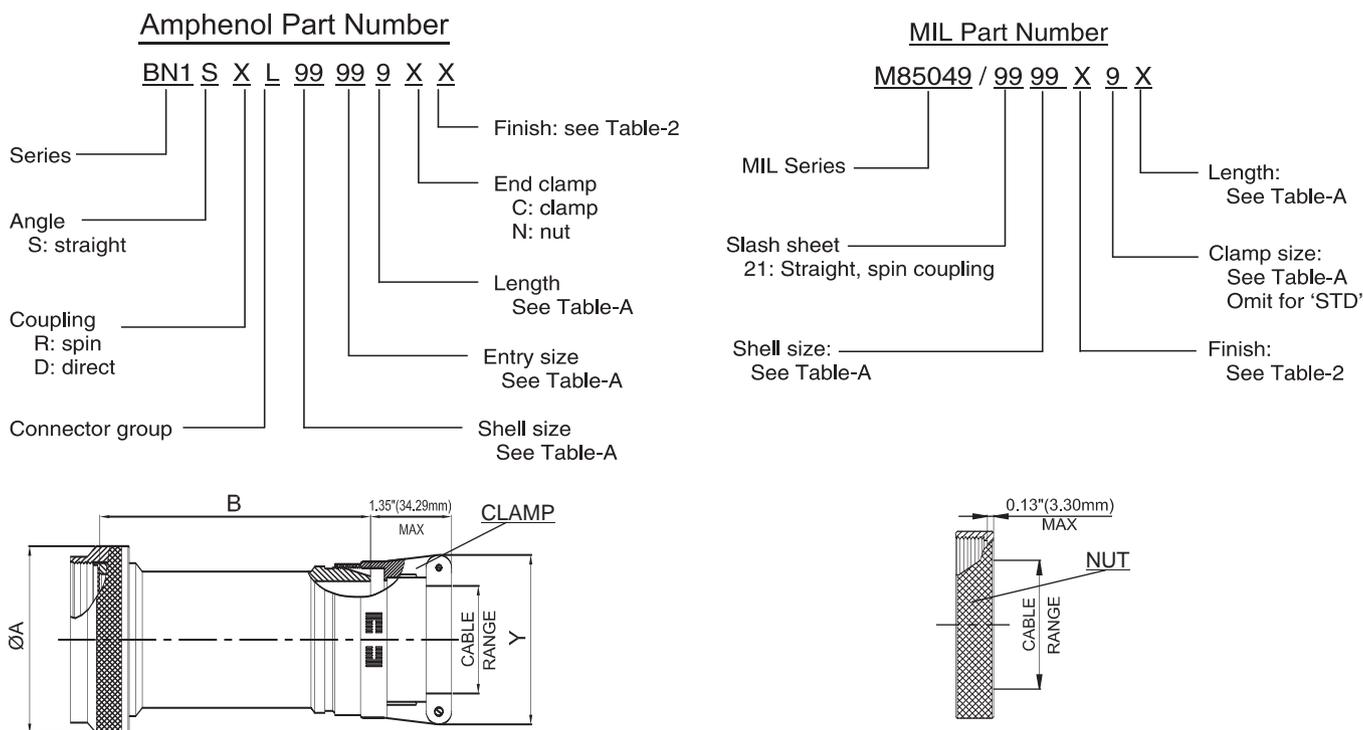
TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16 / 17	0.13	3.18	0.25	6.35	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



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		2	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		
		2			A								1.53	38.86		
	02	1		2	STD.		0.13	3.18	0.25	6.35			1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
		2			A								1.53	38.86		
	03	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		
		2			A								1.53	38.86		
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		
		2			A								1.53	38.86		
	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		
		2			A								1.53	38.86		
	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		
		2			A								1.53	38.86		
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											
	2	A		2.53	64.26											
	3	B		3.53	89.66											
	02	1	3	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	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	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			

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

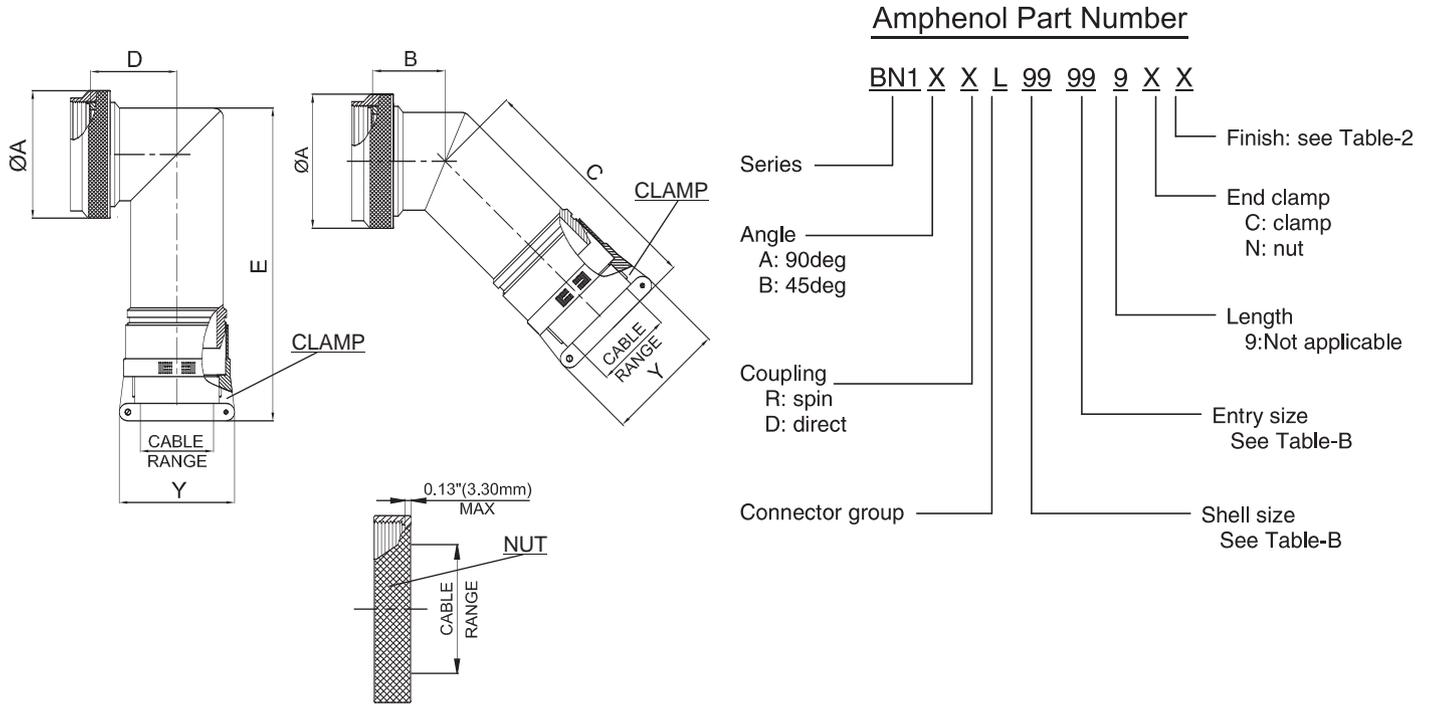
**TABLE - A**

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			2.53								64.26					
		3			3.53								89.66					
		4			4.53								115.06					
	02	1		STD.	4		A	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		STD.	5		A	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		STD.	6		A	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		STD.	7		A	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		STD.	8		A	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		STD.	9		A	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		STD.	5		A	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		STD.	6		A	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		STD.	7		A	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		STD.	8		A	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		STD.	9		A	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		STD.	10		A	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°



**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)	
SHELL SIZE	ENTRY SIZE		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°

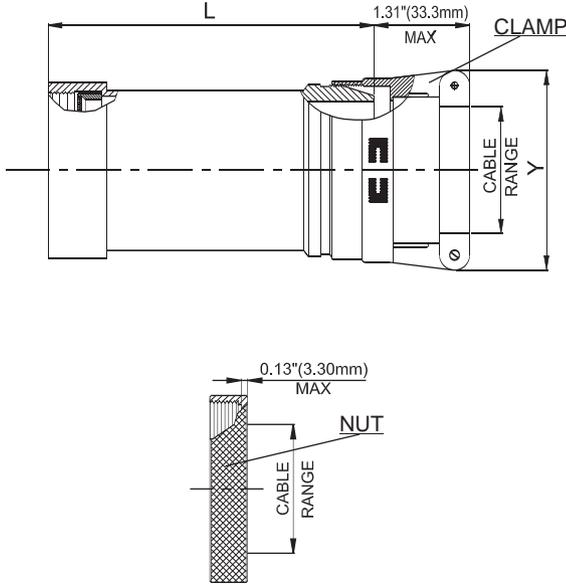
TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		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

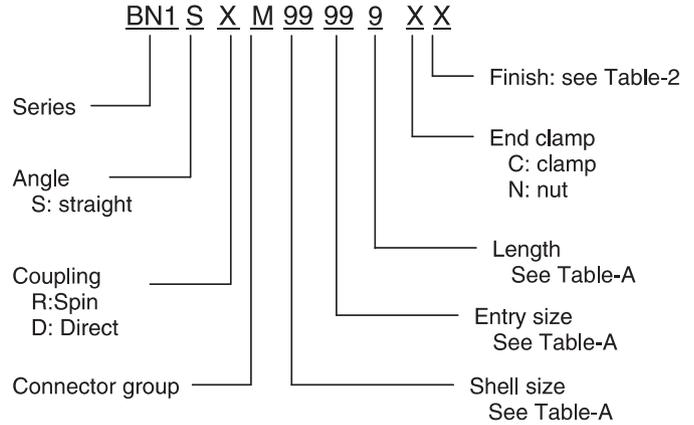


## Connector Group - M

## Straight



### Amphenol Part Number



**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			
		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			
		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

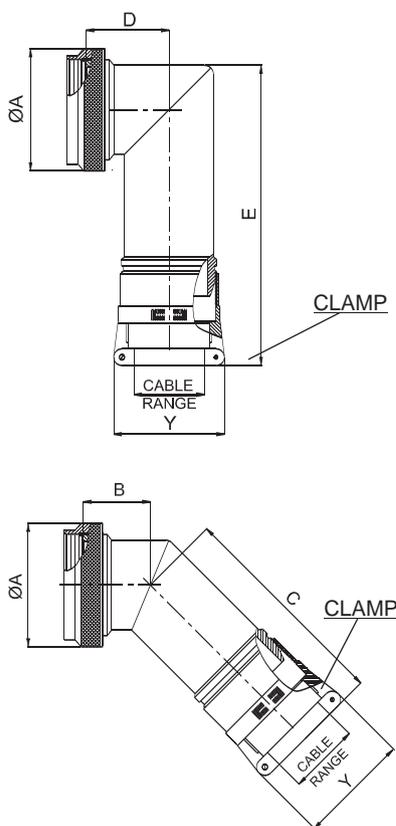
TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	01	1	22	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	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				



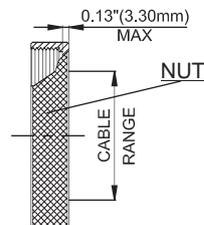
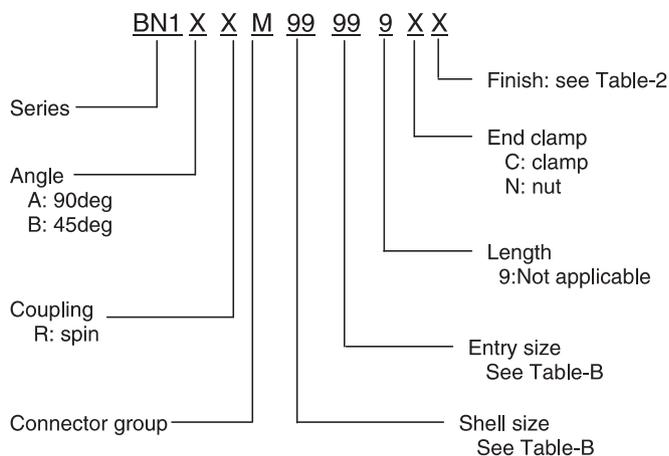
# Amphenol Non - Environmental Backshell

## Connector Group - M

90°, 45°



### Amphenol Part Number



**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°

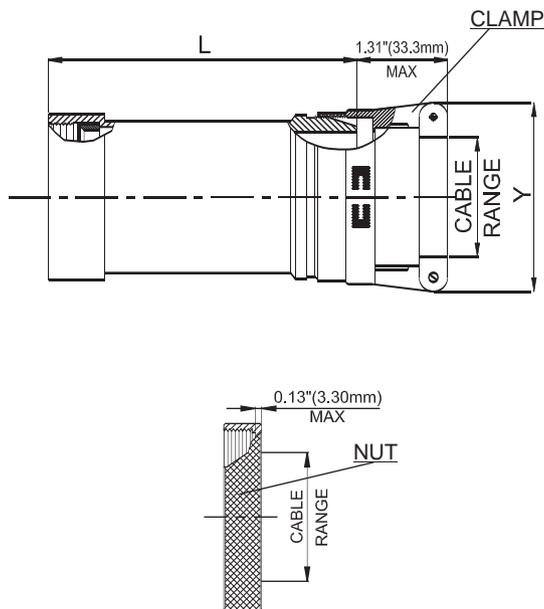
TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	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



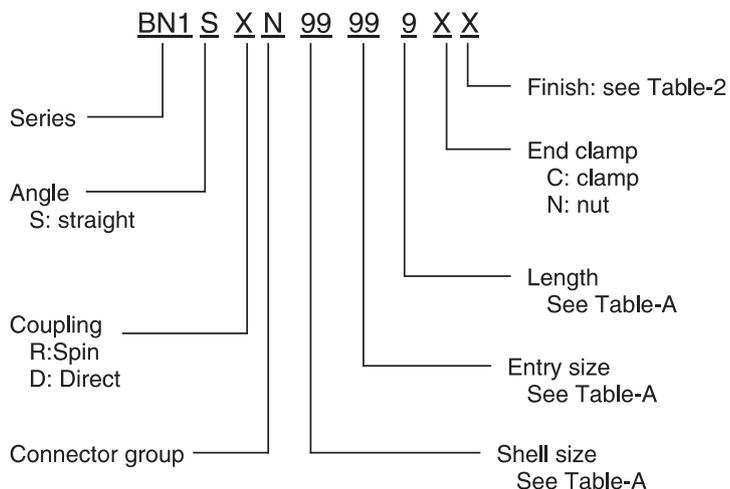
# Amphenol Non - Environmental Backshell

Connector Group - N

Straight



## Amphenol Part Number



**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				
		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						
		2										2.03	51.56						
		3										3.03	76.96						
	03	1										0.31	7.92			0.50	12.70	1.03	26.16
		2																2.03	51.56
		3																3.03	76.96
	04	1						0.44	11.10	0.63	15.88							1.03	26.16
		2																2.03	51.56
		3																3.03	76.96
05	1	0.56	14.27	0.75	19.05	1.03	26.16												
	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						
		2										2.03	51.56						
		3										3.03	76.96						
	03	1										0.44	11.10			0.63	15.88	1.03	26.16
		2																2.03	51.56
		3																3.03	76.96
	04	1	0.56	14.27	0.75	19.05												1.03	26.16
		2																2.03	51.56
		3																3.03	76.96
05	1	0.69					17.45	0.88	22.23	1.03	26.16								
	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						
		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
		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
		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
		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
		2																2.03	51.56
		3										3.03	76.96						
		4										4.03	102.36						

Table Continued



# Amphenol Non - Environmental Backshell

Connector Group - N

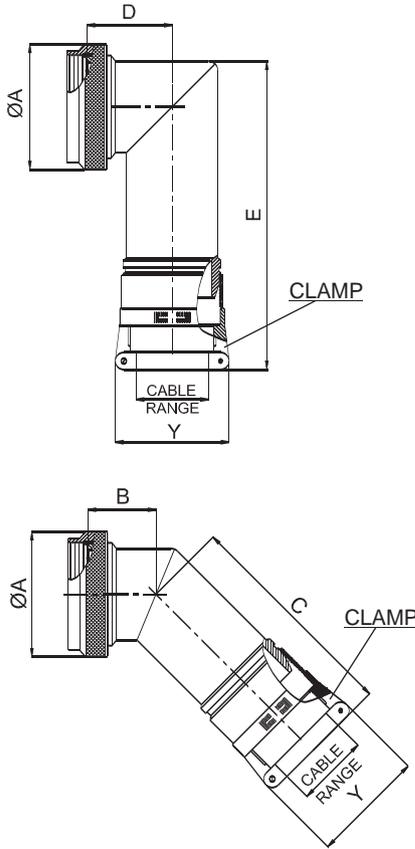
Straight

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				

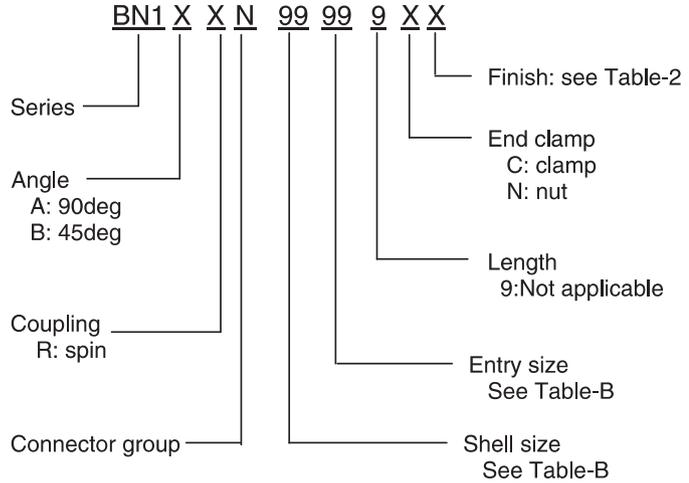


Connector Group - N

90°, 45°



### Amphenol Part Number



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
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

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	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



# Mouser Electronics

Authorized Distributor

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## Amphenol:

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[M85049/2916W06](#) [M85049/2916W06B](#) [M85049/2918W03](#)