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.

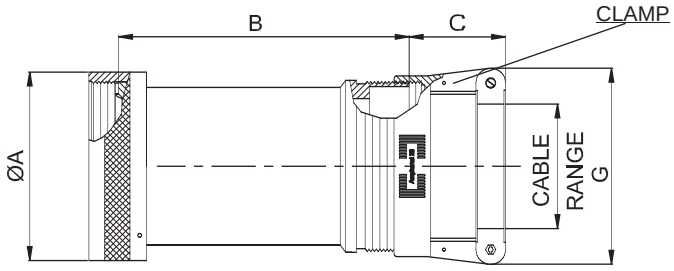
For Connector Group	Page No.
J	I-1 - I-6
K	I-7 - I-11
L	I-12 - I-16
M	I-17 - I-21
N	I-22 - I-26

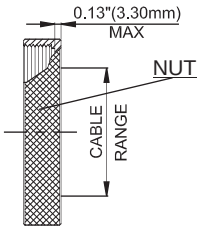
Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)

email: sales@backshellworld.com
www.backshellworld.com

Connector Group - J

Straight





Amphenol Part Number

BN1 S X J 99 99 9 X X

- Series: BN1
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group: J
- Shell size: 99 — See Table-A
- Entry size: 99 — See Table-A
- Length code constant: 9 — See Table-A
- End clamp: X — C: clamp, N: nut
- Finish: X — see Table-2

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			
												MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	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
	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

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			
												MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	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			
												MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	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

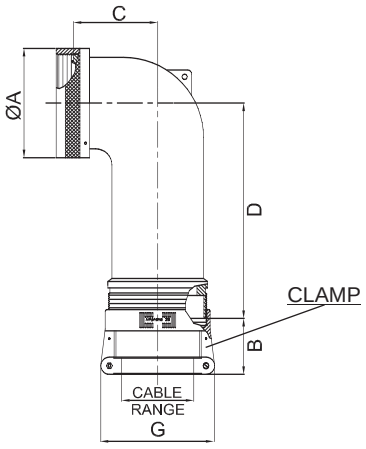
Connector Group - J

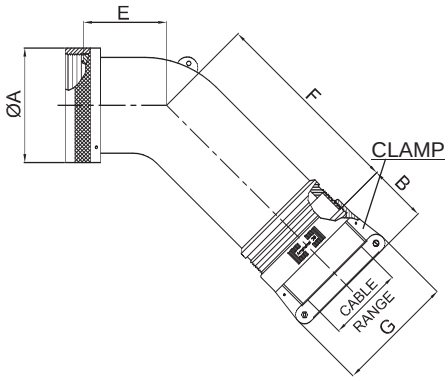
Straight

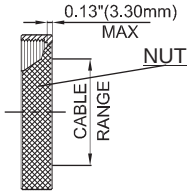
TABLE - A															
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
												MIN		MAX	
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
44	01	1	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	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
- Shell size
  - See Table-B
- Entry size
  - See Table-B
- Length
  - 9:Not applicable
- End clamp
  - C: clamp
  - N: nut
- Finish: see Table-2

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			
																	MIN		MAX	
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	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
10	01	10	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
	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	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

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			
																	MIN		MAX	
SHELL SIZE	ENTRY SIZE		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

Amphenol Part Number

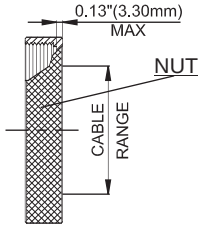
BN1 S X K 99 99 9 X X

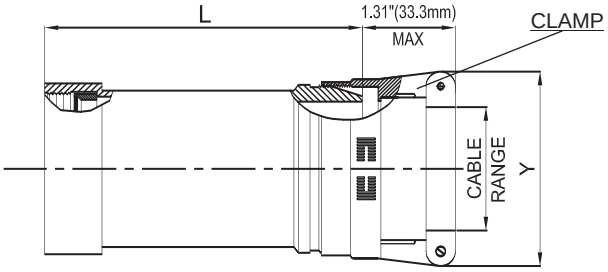
- Series
- Angle: S: straight
- Coupling: R:Spin, D: Direct
- Connector group
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 99 X 9 X

- MIL Series
- Slash sheet: 29: Straight, Direct coupling
- Shell size: See Table-A
- Finish: See Table-2
- Length: See Table-A
- Clamp size: See Table-A, Omit for 'STD'





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)	
							MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		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		
	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		

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)	
							MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		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

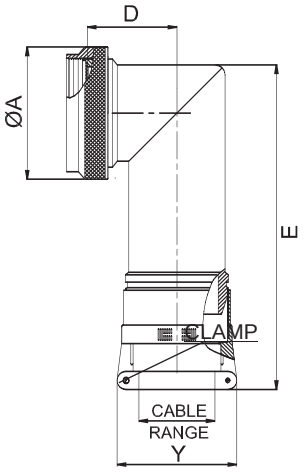
TABLE - A

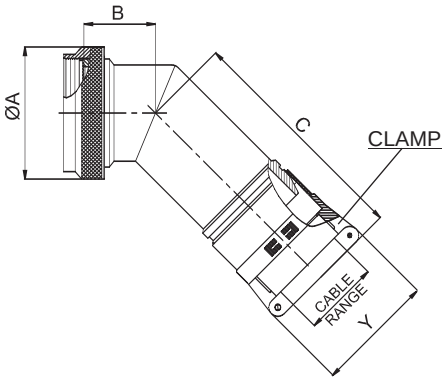
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
							MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	01	1	22	3	STD.	22 /23	0.25	6.35	0.38	9.53	1.03	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°

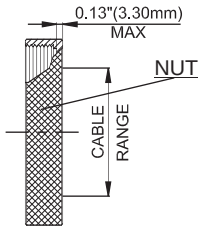




Amphenol Part Number

BN1 X X K 99 99 9 X X

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



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													
SHELL SIZE	ENTRY SIZE		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

90^0, 45^0

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													
SHELL SIZE	ENTRY SIZE		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

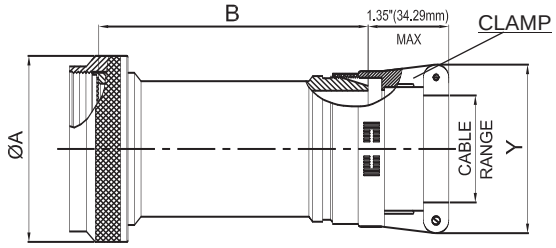
BN1 S X L 99 99 9 X X

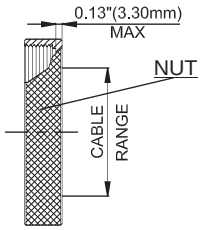
- Series
- Angle: S: straight
- Coupling: R: spin, D: direct
- Connector group
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

MIL Part Number

M85049 / 99 99 X 9 X

- MIL Series
- Slash sheet: 21: Straight, spin coupling
- Shell size: See Table-A
- Finish: See Table-2
- Clamp size: See Table-A, Omit for 'STD'
- Length: See Table-A





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)	
							MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		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		
	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		
	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		
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		3	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		4	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		
	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		

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)	
							MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		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

Amphenol Non - Environmental Backshell

Connector Group - L

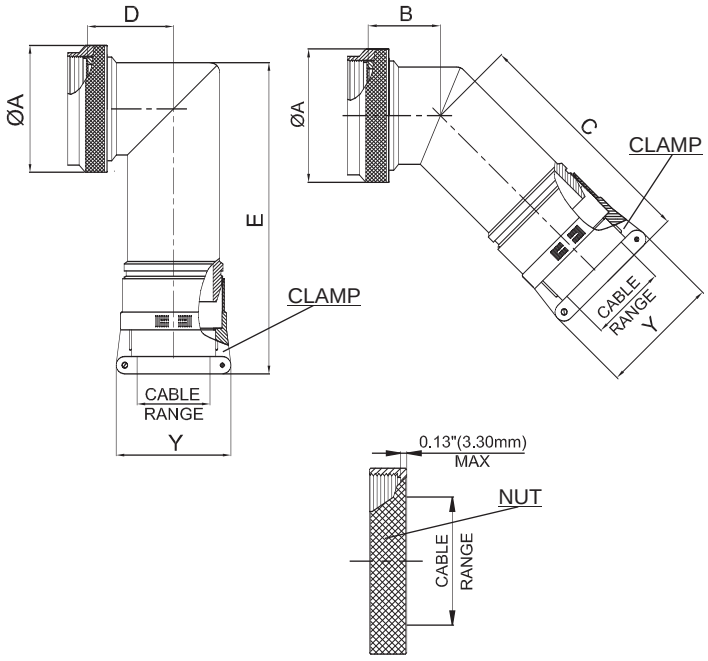
Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		Y (MAX)	
							MIN		MAX							
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		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

90^0, 45^0



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
- Shell size
  See Table-B
- Entry size
  See Table-B
- Length
  9:Not applicable
- End clamp
  - C: clamp
  - N: nut
- Finish: see Table-2

*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													
SHELL SIZE	ENTRY SIZE		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

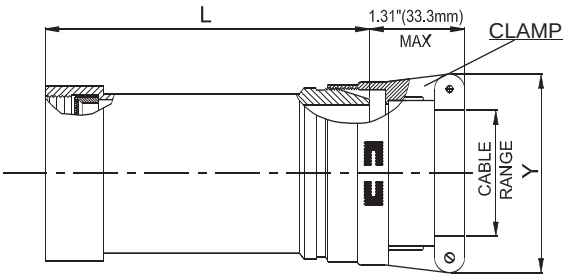
90°, 45°

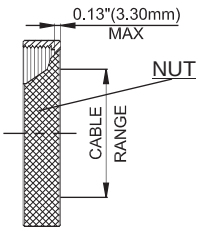
TABLE - B

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													
SHELL SIZE	ENTRY SIZE		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: BN1
- Angle: S: straight
- Coupling: R:Spin, D: Direct
- Connector group: M
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

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)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		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)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		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

email: sales@backshellworld.com
www.backshellworld.com

Connector Group - M

Straight

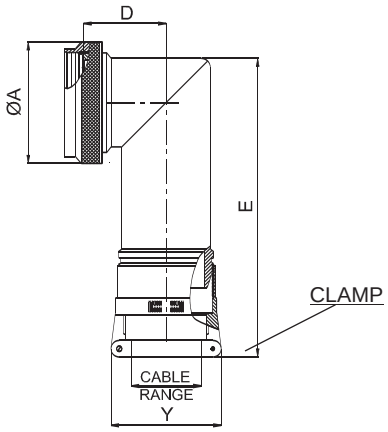
TABLE - A

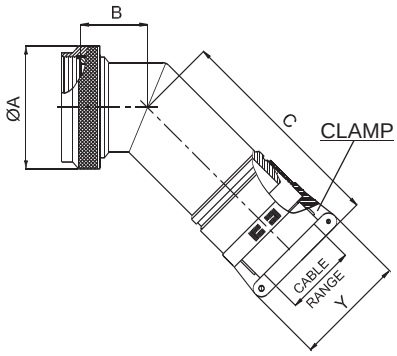
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		INCH	MM	INCH	MM	INCH	MM	INCH	MM
22	01	1	22	0.25	6.35	0.38	9.53	1.03	26.16	1.06	26.92
		2						2.03	51.56		
		3						3.03	76.96		
		4						4.03	102.36		
	02	1		0.31	7.92	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

90⁰, 45⁰

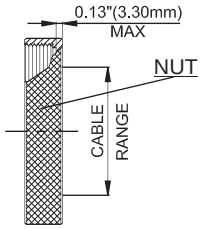




Amphenol Part Number

BN1 X X M 99 99 9 X X

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



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													
SHELL SIZE	ENTRY SIZE		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

90^0, 45^0

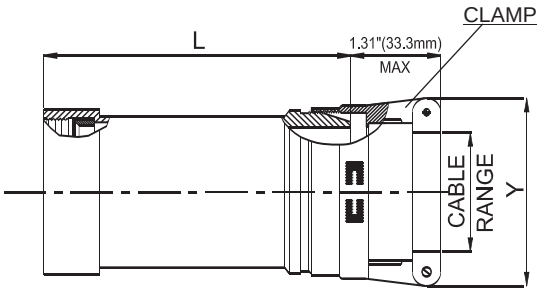
TABLE - B

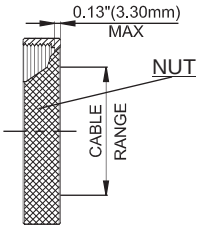
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	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
- Shell size: See Table-A
- Entry size: See Table-A
- Length: See Table-A
- End clamp: C: clamp, N: nut
- Finish: see Table-2

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)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		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)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		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

Amphenol Non - Environmental Backshell

Connector Group - N

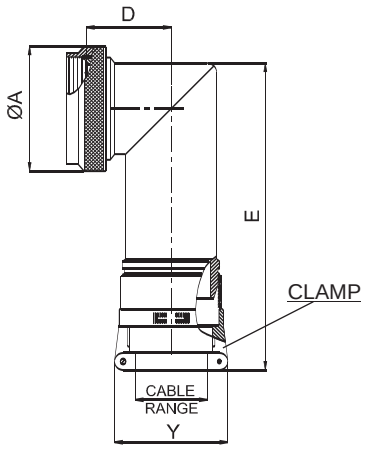
Straight

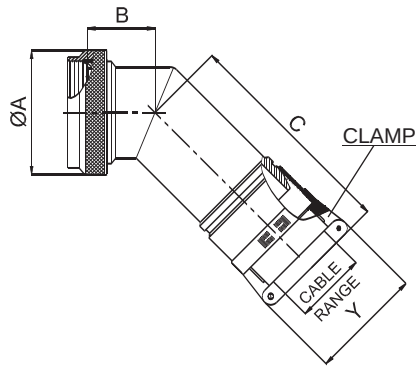
TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
				MIN		MAX					
SHELL SIZE	ENTRY SIZE	LENGTH		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

90^0, 45^0

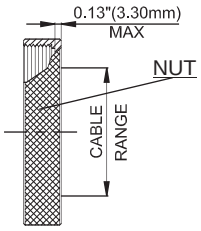




Amphenol Part Number

BN1 X X N 99 99 9 X X

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



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													
SHELL SIZE	ENTRY SIZE		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)	
			MIN		MAX													
SHELL SIZE	ENTRY SIZE		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

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