

LAMP THREAD ADAPTOR



This adaptor is designed with threads similar to that in the lamp base for shield termination. It is very effective, easy and quick method of shield termination and field maintenance is also effortless. The termination area is designed to accept 'Nut' as well as 'Clamp'. The nut option enables the use of heat shrink boot and the clamp option will facilitate the strain relief clamping without heat shrink boot after the shield/cable termination.

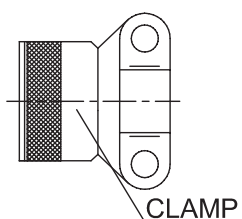
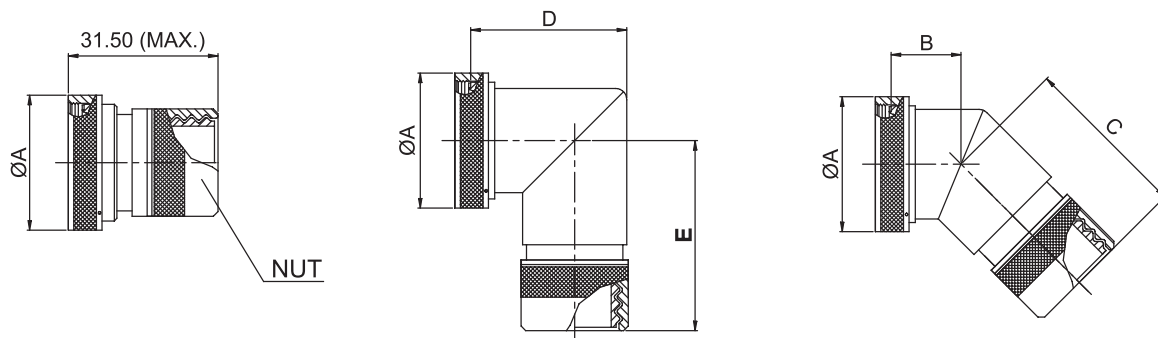
For Connector Group	Page No.
All Groups →	XIII-1 - XIII-2

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 - All

Straight, 90°, 45°



Amphenol Part Number

BP1 X X X 99 99 9 X X

Series — BP1
Angle — X
S: straight
A: 90deg
B: 45deg
Coupling — X
R: spin
Connector group — X
J,K,L,M,N: See table
1-a,b,c,d

Finish: see Table-2
Nut/Clamp Option
N: Nut
C: Clamp
Length: 9 for the std length in
Table/Figure
Entry size
See Table-B
Shell size
See Table-A

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

TABLE-A											
AMPHENOL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE SIZE	A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)	
		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	8/9	0.75	19.05	0.75	19.05	0.89	22.61	0.88	22.35	1.00	25.40
10	10/11	0.89	22.61	0.78	19.81	0.92	23.37	0.96	24.38	1.06	26.92
12	7/12/13	1.00	25.40	0.81	20.57	0.94	23.88	1.00	25.40	1.12	28.45
14	12/14/15	1.13	28.70	0.83	21.08	0.96	24.38	1.07	27.18	1.16	29.46
16	19/16/17	1.25	31.75	0.86	21.84	0.98	24.89	1.13	28.70	1.23	31.24
18	27/18/19	1.36	34.54	0.88	22.35	1.00	25.40	1.18	29.97	1.27	32.26
20	37/20/21	1.48	37.59	0.91	23.11	1.02	25.91	1.25	31.75	1.33	33.78
22	22/23	1.60	40.64	0.93	23.62	1.05	26.67	1.31	33.27	1.39	35.31
24	24/25	1.72	43.69	0.94	23.88	1.08	27.43	1.36	34.54	1.45	36.83
28	28	2.00	50.80	1.04	26.42	1.25	31.75	1.48	37.59	1.69	42.93
32	32	2.25	57.15	1.09	27.69	1.30	33.02	1.61	40.89	1.81	45.97
36	36	2.50	63.50	1.14	28.96	1.35	34.29	1.72	43.69	1.92	48.77
40	40	4.13	104.90	4.01	101.85	2.76	70.10	4.13	104.90	2.88	73.15
44	44	4.13	104.90	4.01	101.85	2.88	73.15	4.13	104.90	3.00	76.20
48	48	4.13	104.90	4.01	101.85	3.00	76.20	4.13	104.90	3.12	79.25

TABLE-B		
AMPHENOL PART NUMBER DESIGNATOR	ΦENTRY(INCH) +0.009 -0.018	ΦENTRY(MM) +0.25 -0.50
ENTRY SIZE		
01	0.125	3.18
02	0.250	6.35
03	0.375	9.53
04	0.500	12.70
05	0.625	15.88
06	0.750	19.05
07	0.875	22.23
08	1.000	25.40
09	1.126	28.60
10	1.250	31.75
11	1.378	35.00
12	1.500	38.10
13	1.750	44.45

APPENDIX - 1

CROSS REFERENCE TO MIL SERIES		
MIL SERIES	AMPHENOL SERIES	PAGE
M85049/ 6	BV1BRJ	IV-5
M85049/ 7	BE1BRJ	II-8
M85049/ 8	BV1ARJ	IV-5
M85049/ 9	BE1ARJ	II-8
M85049/10	BV1SRJ	IV-1
M85049/11	BE1SRJ	II-1
M85049/14	BG1SRL	XII-3
M85049/15	BQ1BRL	X-3
M85049/16	BQ1ARL	X-3
M85049/17	BV1SDK	IV-9
M85049/18	BV1SRL	IV-14
M85049/19	BM1SRL	III-13
M85049/20	BC2SRL	VI-5
M85049/21	BN1SRL	I-12
M85049/23	BM1BRJ	III-4
M85049/24	BM1ARJ	III-4
M85049/25	BM1SRJ	III-1
M85049/26-1	BC2SRJ	VI-1
M85049/26-2	BC3XXX	VI-1
M85049/26-3	BC1SRJ	VI-1
M85049/27	BG1SRK	XII-2
M85049/29	BN1SDK	I-7
M85049/31	BG1SRJ	XII-1
M85049/33-2	BC2SRK	VI-3
M85049/36	BM1SDK	III-8
M85049/38	BS1SRL	XI-5
M85049/39	BS1ARL	XI-5
M85049/42	-	-
M85049/43	BS1BRJ	XI-1
M85049/47	BS1ARK	XI-3
M85049/49-2	BS1SRK	XI-3
M85049/51	BS1ARJ	XI-1
M85049/52	BS1SRJ	XI-1
M85049/53	BQ1SRJ	X-1
M85049/54	BQ1BRJ	X-1
M85049/55	BQ1ARJ	X-1
M85049/56	BQ1SRK	X-2
M85049/57	BQ1BRK	X-2
M85049/60-1	BB1SRJ	V-1
M85049/60-2	BB2SRJ	-
M85049/62	BB1SRK	V-3
M85049/63	BQ1ARK	X-2
M85049/69	BB1SRL	V-5
M85049/76	BV1ARK	IV-12
M85049/77	BV1BRK	IV-12
M85049/78	BV1BRL	IV-18
M85049/79	BV1ARL	IV-18
M85049/82	BL1SSJ	VII-1
M85049/83	BL1BSJ	VII-1
M85049/84	BL1ASJ	VII-1
M85049/85	BL1SSK	VII-2
M85049/86	BL1BSK	VII-2
M85049/87	BL1ASK	VII-2
M85049/88	BL1SSL	VII-3

CROSS REFERENCE TO MIL SERIES		
MIL SERIES	AMPHENOL SERIES	PAGE
M85049/89	BL1BSL	VII-3
M85049/90	BL1ASL	VII-3
M85049/109	BH1SRJ	VIII-1
M85049/111	BH1ARJ	VIII-1
M85049/112	BH1SRK	VIII-3
M85049/114	BH1ARK	VIII-3
M85049/115	BH1SRL	VIII-5
M85049/117	BH1ARL	VIII-5

NOTE: QPL Qualification status of each item shown in this catalogue may be changing and therefore please check with us or refer "Qualified Product List" to know our exact qualification status at any time. A valid offer for a MIL part Number at any time from Amphenol will only constitute our claim of approval validity.