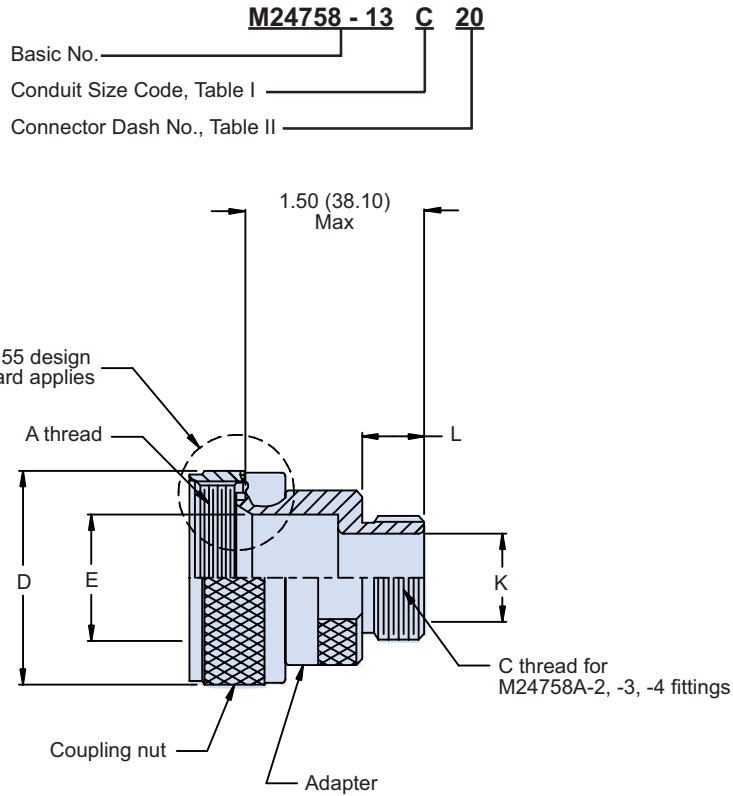


# MIL-PRF-24758-13 Adapter for MS-3155 Type Connectors



### APPLICATION NOTES

1. Assembly identified with manufacturer's code identification number (Glenair, part number and classification code 490).
2. The M24758-13 adapter couples connectors listed in table II to M24758-2, M24758-3 or M24758-4 series conduit fittings.
3. The coupling nut end of this adapter shall conform to military standard MS3155 (navy), 'Connector, electric, rear accessory design standard.' MS3155 takes precedence over this specification.
4. Configuration of adapter may change based on the variance of diameters E and K.
5. Material / Finish:  
 Adapter, coupling nut, 316 / electroless nickel, matte finish.
6. Metric dimensions (mm) are indicated in parentheses.
7. See M24758-2, -3, -4 torque values for C thread.

**TABLE I**

CONDUIT SIZE CODE	C CLASS - 2A THREAD	L +.03 (.76) -.00	K DIA MIN
A	.438-28 UNEF	.21 (5.25)	.245 (6.22)
B	.688-24 UNEF	.25 (6.35)	.495 (12.57)
C	.938-20 UNEF	.31 (7.87)	.745 (18.92)
D	1.250-18 UNEF	.37 (9.40)	.995 (25.27)
E	1.563-18 UNEF	.37 (9.340)	1.245 (31.62)
F	1.875-16 UN	.43 (10.92)	1.495 (37.97)
G	2.375-16 UN	.43 (10.92)	1.995 (50.67)
H	2.875-16 UN	.43 (10.92)	2.495 (63.37)
J	.563-24 UNEF	.25 (6.35)	.370 (9.40)
K	.813-20 UNEF	.31 (7.87)	.620 (15.75)
L	3.375-16 UN	.43 (10.92)	2.995 (76.07)

MIL-PRF-24758-13  
Adapter for MS-3155 Type Connectors



MIL-PRF  
24758A

TABLE II: CONNECTOR DASH NUMBERS AND FITTING DIMENSIONS

CONN DASH NO.	NAS 1599 & MIL-DTL-83723 (SERIES 1 & 3)	MIL-DTL-5015 (MS3400 SERIES)	AS81703 (NAVY) (SERIES 3)	MIL-DTL-26482 (SERIES 2) (MS347X)	A CLASS - 2B THREAD	D DIA MAX	E DIA REF	Recommended A Thread Torque ±5 in. pounds
03	--	--	03	--	.562-24 UNEF	.669 (16.99)	.270 (6.86)	76
08	08	8S	--	08	.500-20 UNF	.617 (15.67)	.270 (6.86)	56
10	10	10S, 10SL	--	10	.625-24 UNEF	.734 (18.64)	.375 (9.53)	76
12	12	12, 12S	07	12	.750-20 UNEF	.858 (21.79)	.511 (12.98)	108
14	14	14, 14S	12	14	.875-20 UNEF	.984 (24.99)	.585 (14.86)	116
16	16	16, 16S	19	16	1.000-20 UNEF	1.112 (28.24)	.710 (18.03)	116
18	18	18	27	18	1.062-18 UNEF	1.218 (30.98)	.789 (20.04)	116
20	20	20	37	20	1.188-18 UNEF	1.345 (34.16)	.914 (23.22)	136
22	22	22	--	22	1.312-18 UNEF	1.468 (37.29)	1.039 (26.39)	136
24	24	24	--	24	1.438-18 UNEF	1.593 (40.46)	1.154 (29.31)	136
28	--	28	--	--	1.750-18 UNS	1.969 (50.01)	1.389 (35.28)	148
32	--	32	--	--	2.000-18 UNS	2.219 (56.36)	1.635 (41.53)	148
36	--	36	--	--	2.250-16 UN	2.469 (62.71)	1.850 (46.99)	148
40	--	40	--	--	2.500-16 UN	2.719 (69.06)	2.065 (52.45)	164
44	--	44	--	--	2.750-16 UN	2.969 (75.41)	2.320 (58.93)	164
48	--	48	--	--	3.000-16 UN	3.219 (81.76)	2.570 (65.28)	164
61	--	--	61	--	1.500-18 UNEF	1.653 (41.99)	1.194 (30.33)	136