

MIL-PRF-24758-57

90° Adapter for MIL-C-26482 Series I Connectors

Per Table I, EMI/RFI to M24758-* Conduit

A

Basic
Number

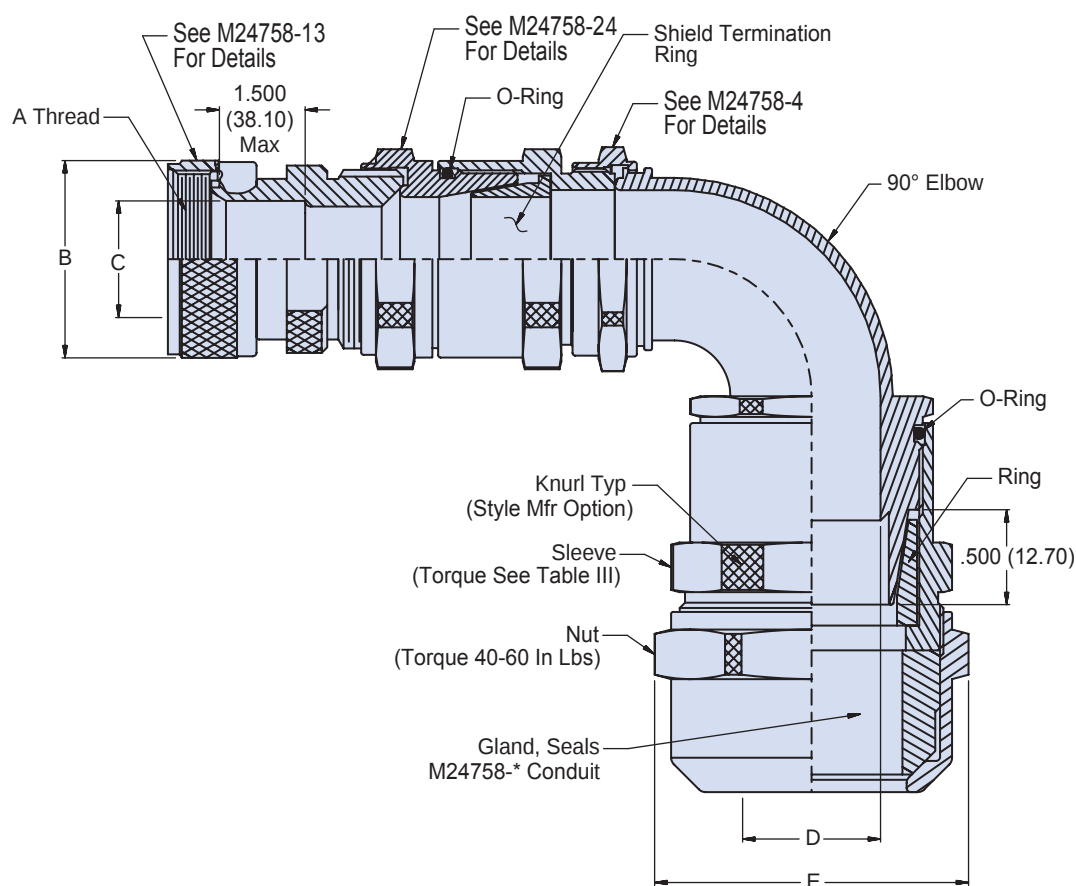
M24758-57

Conduit
Size Code
(Table II)

B

Connector
Dash Number
(Table I)

14



MIL-PRF-24758-57
90° Adapter for MIL-C-26482 Series I Connectors
 Per Table I, EMI/RFI to M24758-* Conduit



MIL-PRF
24758A

A

TABLE I: CONNECTOR DASH NUMBER AND FITTING DIMENSIONS

CONNECTOR DASH NUMBER	NAS 1599 AND MIL-DTL-83723 SERIES 1 AND 3	MIL-DTL-5015 MS3400 SERIES	AS81703 NAVY SERIES 3	MIL-C-26482 SERIES 2	A THREAD CLASS 2B	B DIA MAX	C DIA REF
03	—	—	03	—	.562-24 UNEF	.669 (16.99)	.270 (6.86)
08	08	8S	—	08	.500-20 UNEF	.617 (15.67)	.270 (6.86)
10	10	10S, 10SL	—	10	.625-24 UNEF	.734 (18.64)	.375 (9.53)
12	12	12, 12S	07	12	.750-20 UNEF	.858 (21.79)	.511 (12.98)
14	14	14, 14S	12	14	.875-20 UNEF	.984 (24.99)	.585 (14.86)
16	16	16, 16S	19	16	1.000-20 UNEF	1.112 (28.24)	.710 (18.03)
18	18	18	27	18	1.062-18 UNEF	1.218 (30.94)	.789 (20.04)
20	20	20	37	20	1.188-18 UNEF	1.345 (34.16)	.914 (23.22)
22	22	22	—	22	1.312-18 UNEF	1.468 (37.29)	1.039 (26.39)
24	24	24	—	24	1.438-18 UNEF	1.593 (40.46)	1.154 (29.31)
28	—	28	—	—	1.750-18 UNS	1.969 (50.01)	1.389 (35.28)
32	—	32	—	—	2.000-18 UNS	2.219 (56.36)	1.635 (41.53)
36	—	36	—	—	2.250-16 UN	2.469 (62.71)	1.850 (46.99)
40	—	40	—	—	2.500-16 UN	2.719 (69.06)	2.065 (52.45)
44	—	44	—	—	2.750-16 UN	2.969 (75.41)	2.320 (58.93)
48	—	48	—	—	3.000-16 UN	3.219 (81.76)	2.570 (65.28)
61	—	—	61	—	1 5/8-18 UNEF	1.653 (41.99)	1.194 (30.33)

TABLE II: CONDUIT SIZE CODE

CONDUIT SIZE CODE	D DIA MIN	E DIA MIN
A	.245 (6.22)	1.140 (28.96)
B	.495 (12.57)	1.340 (34.04)
C	.745 (18.92)	1.460 (37.08)
D	.995 (25.27)	1.650 (41.91)
E	1.245 (31.62)	1.780 (45.21)
F	1.495 (37.97)	2.030 (51.56)
G	1.995 (50.67)	2.280 (57.91)
H	2.495 (63.37)	2.530 (64.26)
J	.370 (9.40)	3.140 (79.76)
K	.620 (15.75)	3.650 (92.71)
L	2.995 (76.07)	4.150 (105.41)

TABLE III: Recommended Sleeve Torque

CONDUIT SIZE CODE	± 5 INCH POUNDS
A	120
B	140
C	150
D	170
E	170
F	170
G	170
H	170
J	120
K	140
L	170

APPLICATION NOTES

- Assembly identified with manufacturer's name and part number and classification code 490, space permitting.
- The function of the M24758-57 fitting is to terminate M24758-* flexible shielding conduit and to provide individual M24758-24 shield termination on a standard thread for attaching to a M24758-13 fitting.
- Material / Finish:
Adapters, coupling nut, elbow, nuts, sleeves and rings - 316L SST/
Electroless nickel, matte finish.
O-Rings and gland - Silicone rubber/NA
- Metric dimensions (mm) are indicated in parentheses.