

Straight Environmental Backshell

BM Series • MIL-DTL-26482 Series 2 Type Connectors



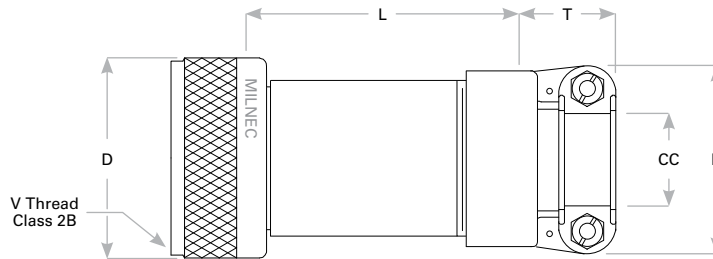
BME2 - 009 N

- 1 **BASIC PART NUMBER**
BME2 Straight environmental backshell
- 2 **DASH NO.**
See Backshell Dimensions table below
- 3 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium

Note: See part builder (p. J-11) for additional kit options.

BME2 Compatibility

Compatible Brands	Connectors
MIL-DTL-26482 Series 2	MS3470, MS3471, MS3472, MS3474, MS3475, MS3476
Aero / Conesys	AE770, AE771, AE772, AE774, AE775, AE776
Amphenol / Matrix	MB10, MB11, MB13, MB14, MB16, MB18
Deutsch	AFD50, AFD51, AFD54, AFD56, AFD57, AFD58
Souriau	8526-0, 8526-5, 8526-6, 8526-7



Backshell Dimensions

Dash No.	Shell Size	V Thread Class 2B	T	D	B	L	CC Cable Clearance	
							Min	Max
005	8	.500-20 UNF	1.027 (26.1)	.617 (15.7)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.250 (6.4)
006	8	.500-20 UNF	1.027 (26.1)	.617 (15.7)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.250 (6.4)
007	8	.500-20 UNF	1.027 (26.1)	.617 (15.7)	1.145 (29.1)	2.875 (73.0)	.250 (6.4)	.437 (11.1)
008	8	.500-20 UNF	1.027 (26.1)	.617 (15.7)	1.145 (29.1)	3.875 (98.4)	.250 (6.4)	.437 (11.1)
009	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.312 (7.9)
010	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
136	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	2.125 (54.0)	.250 (6.4)	.375 (9.5)
137	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.375 (9.5)
011	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	2.875 (73.0)	.250 (6.4)	.437 (11.1)
012	10	.625-24 UNEF	1.027 (26.1)	.734 (18.6)	1.145 (29.1)	3.875 (98.4)	.250 (6.4)	.437 (11.1)
114	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.312 (7.9)
115	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
013	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.145 (29.1)	2.125 (54.0)	.250 (6.4)	.437 (11.1)
014	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
111	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	2.125 (54.0)	.350 (8.9)	.500 (12.7)

Dimensions are in inches (mm).

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Straight Environmental Backshell

BM Series • MIL-DTL-26482 Series 2 Type Connectors

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	T	D	B	L	CC Cable Clearance	
							Min	Max
139	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.500 (12.7)
015	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	2.875 (73.0)	.350 (8.9)	.625 (15.9)
016	12	.750-20 UNEF	1.027 (26.1)	.858 (21.8)	1.332 (33.8)	3.875 (98.4)	.350 (8.9)	.625 (15.9)
150	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.312 (7.9)
151	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
116	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	1.145 (29.1)	2.125 (54.0)	.250 (6.4)	.437 (11.1)
117	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
017	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	1.332 (33.8)	2.125 (54.0)	.350 (8.9)	.575 (14.6)
018	14	.875-20 UNEF	1.027 (26.1)	.984 (25.0)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.575 (14.6)
019	14	.875-20 UNEF	1.059 (26.9)	.984 (25.0)	1.551 (39.4)	2.875 (73.0)	.500 (12.7)	.750 (19.1)
020	14	.875-20 UNEF	1.059 (26.9)	.984 (25.0)	1.551 (39.4)	3.875 (98.4)	.500 (12.7)	.750 (19.1)
152	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.312 (7.9)
153	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
112	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	1.145 (29.1)	2.125 (54.0)	.250 (6.4)	.437 (11.1)
113	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
118	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	1.332 (33.8)	2.125 (54.0)	.350 (8.9)	.625 (15.9)
119	16	1.000-20 UNEF	1.027 (26.1)	1.112 (28.2)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.625 (15.9)
021	16	1.000-20 UNEF	1.059 (26.9)	1.112 (28.2)	1.551 (39.4)	2.125 (54.0)	.500 (12.7)	.700 (17.8)
022	16	1.000-20 UNEF	1.059 (26.9)	1.112 (28.2)	1.551 (39.4)	3.125 (79.4)	.500 (12.7)	.700 (17.8)
023	16	1.000-20 UNEF	1.156 (29.4)	1.112 (28.2)	1.770 (45.0)	2.875 (73.0)	.625 (15.9)	.937 (23.8)
024	16	1.000-20 UNEF	1.156 (29.4)	1.112 (28.2)	1.770 (45.0)	3.875 (98.4)	.625 (15.9)	.937 (23.8)
120	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	.957 (24.3)	2.125 (54.0)	.125 (3.2)	.312 (7.9)
121	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
122	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	1.145 (29.1)	2.125 (54.0)	.250 (6.4)	.437 (11.1)
123	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
025	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	1.332 (33.8)	2.125 (54.0)	.350 (8.9)	.625 (15.9)
026	18	1.062-18 UNEF	1.027 (26.1)	1.218 (30.9)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.625 (15.9)
027	18	1.062-18 UNEF	1.059 (26.9)	1.218 (30.9)	1.551 (39.4)	2.125 (54.0)	.500 (12.7)	.750 (19.1)
028	18	1.062-18 UNEF	1.059 (26.9)	1.218 (30.9)	1.551 (39.4)	3.125 (79.4)	.500 (12.7)	.750 (19.1)
029	18	1.062-18 UNEF	1.156 (29.4)	1.218 (30.9)	1.770 (45.0)	2.875 (73.0)	.625 (15.9)	.937 (23.8)
030	18	1.062-18 UNEF	1.156 (29.4)	1.218 (30.9)	1.770 (45.0)	3.875 (98.4)	.625 (15.9)	.937 (23.8)
124	20	1.188-18 UNEF	1.027 (26.1)	1.345 (34.2)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
125	20	1.188-18 UNEF	1.027 (26.1)	1.345 (34.2)	1.145 (29.1)	4.125 (104.8)	.250 (6.4)	.437 (11.1)
031	20	1.188-18 UNEF	1.027 (26.1)	1.345 (34.2)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.625 (15.9)
032	20	1.188-18 UNEF	1.027 (26.1)	1.345 (34.2)	1.332 (33.8)	4.125 (104.8)	.350 (8.9)	.625 (15.9)
033	20	1.188-18 UNEF	1.059 (26.9)	1.345 (34.2)	1.551 (39.4)	3.125 (79.4)	.500 (12.7)	.750 (19.1)
034	20	1.188-18 UNEF	1.059 (26.9)	1.345 (34.2)	1.551 (39.4)	4.125 (104.8)	.500 (12.7)	.750 (19.1)
140	20	1.188-18 UNEF	1.156 (29.4)	1.345 (34.2)	1.770 (45.0)	3.125 (79.4)	.625 (15.9)	.904 (23.0)
141	20	1.188-18 UNEF	1.156 (29.4)	1.345 (34.2)	1.770 (45.0)	4.125 (104.8)	.625 (15.9)	.904 (23.0)
035	20	1.188-18 UNEF	1.156 (29.4)	1.345 (34.2)	1.770 (45.0)	3.875 (98.4)	.625 (15.9)	.937 (23.8)
036	20	1.188-18 UNEF	1.156 (29.4)	1.345 (34.2)	1.770 (45.0)	4.875 (123.8)	.625 (15.9)	.937 (23.8)
037	20	1.188-18 UNEF	1.375 (34.9)	1.345 (34.2)	2.113 (53.7)	3.875 (98.4)	.875 (22.2)	1.250 (31.8)
038	20	1.188-18 UNEF	1.375 (34.9)	1.345 (34.2)	2.113 (53.7)	4.875 (123.8)	.875 (22.2)	1.250 (31.8)
126	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	.957 (24.3)	3.125 (79.4)	.125 (3.2)	.312 (7.9)
127	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	.957 (24.3)	4.125 (104.8)	.125 (3.2)	.312 (7.9)
128	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	1.145 (29.1)	3.125 (79.4)	.250 (6.4)	.437 (11.1)
129	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	1.145 (29.1)	4.125 (104.8)	.250 (6.4)	.437 (11.1)
039	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.625 (15.9)

Dimensions are in inches (mm).

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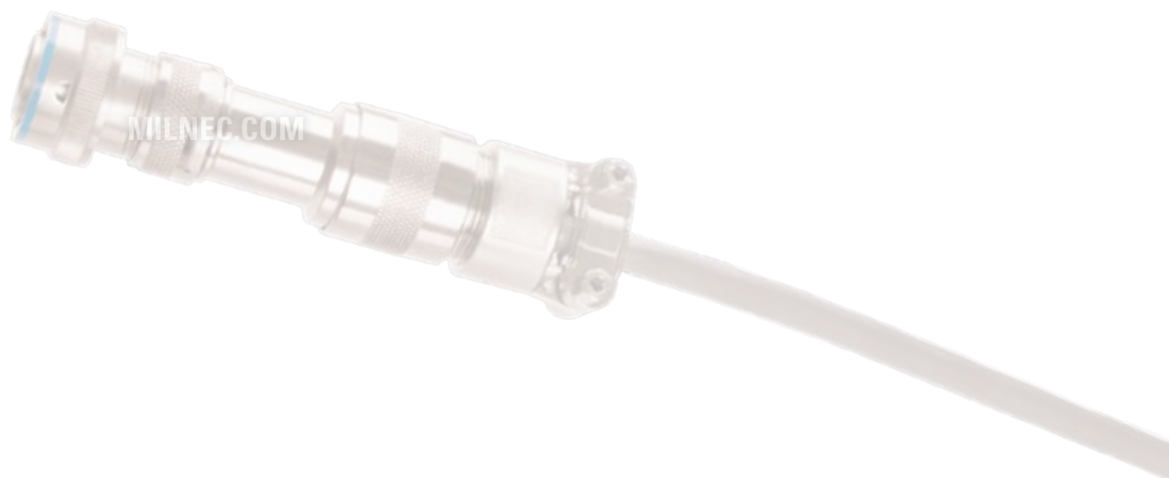
Straight Environmental Backshell

BM Series • MIL-DTL-26482 Series 2 Type Connectors

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	T	D	B	L	CC Cable Clearance	
							Min	Max
040	22	1.313-18 UNEF	1.027 (26.1)	1.468 (37.3)	1.332 (33.8)	4.125 (104.8)	.350 (8.9)	.625 (15.9)
041	22	1.313-18 UNEF	1.059 (26.9)	1.468 (37.3)	1.551 (39.4)	3.125 (79.4)	.500 (12.7)	.750 (19.1)
042	22	1.313-18 UNEF	1.059 (26.9)	1.468 (37.3)	1.551 (39.4)	4.125 (104.8)	.500 (12.7)	.750 (19.1)
043	22	1.313-18 UNEF	1.156 (29.4)	1.468 (37.3)	1.770 (45.0)	3.125 (79.4)	.625 (15.9)	.937 (23.8)
044	22	1.313-18 UNEF	1.156 (29.4)	1.468 (37.3)	1.770 (45.0)	4.125 (104.8)	.625 (15.9)	.937 (23.8)
142	22	1.313-18 UNEF	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	3.125 (79.4)	.875 (22.2)	1.029 (26.1)
143	22	1.313-18 UNEF	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	4.125 (104.8)	.875 (22.2)	1.029 (26.1)
045	22	1.313-18 UNEF	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	3.875 (98.4)	.875 (22.2)	1.250 (31.8)
046	22	1.313-18 UNEF	1.375 (34.9)	1.468 (37.3)	2.113 (53.7)	4.875 (123.8)	.875 (22.2)	1.250 (31.8)
130	24	1.438-18 UNEF	1.027 (26.1)	1.593 (40.5)	1.332 (33.8)	3.125 (79.4)	.350 (8.9)	.625 (15.9)
131	24	1.438-18 UNEF	1.027 (26.1)	1.593 (40.5)	1.332 (33.8)	4.125 (104.8)	.350 (8.9)	.625 (15.9)
047	24	1.438-18 UNEF	1.059 (26.9)	1.593 (40.5)	1.551 (39.4)	3.125 (79.4)	.500 (12.7)	.750 (19.1)
048	24	1.438-18 UNEF	1.059 (26.9)	1.593 (40.5)	1.551 (39.4)	4.125 (104.8)	.500 (12.7)	.750 (19.1)
049	24	1.438-18 UNEF	1.156 (29.4)	1.593 (40.5)	1.770 (45.0)	3.125 (79.4)	.625 (15.9)	.812 (20.6)
050	24	1.438-18 UNEF	1.156 (29.4)	1.593 (40.5)	1.770 (45.0)	4.125 (104.8)	.625 (15.9)	.812 (20.6)
051	24	1.438-18 UNEF	1.156 (29.4)	1.593 (40.5)	1.770 (45.0)	3.125 (79.4)	.625 (15.9)	.937 (23.8)
052	24	1.438-18 UNEF	1.156 (29.4)	1.593 (40.5)	1.770 (45.0)	4.125 (104.8)	.625 (15.9)	.937 (23.8)
144	24	1.438-18 UNEF	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	3.125 (79.4)	.875 (22.2)	1.144 (29.1)
145	24	1.438-18 UNEF	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	4.125 (104.8)	.875 (22.2)	1.144 (29.1)
053	24	1.438-18 UNEF	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	3.875 (98.4)	.875 (22.2)	1.250 (31.8)
054	24	1.438-18 UNEF	1.375 (34.9)	1.593 (40.5)	2.113 (53.7)	4.875 (123.8)	.875 (22.2)	1.250 (31.8)

Dimensions are in inches (mm).



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