





## AS85049/23 and MS3189C 45° EMI/RFI Non-Environmental Backshell

TABLE II: Continued from Page B-43

| Dash No. | Shell Size | F Max        | G Max        | K Ref.       | L Max        | Cable Range  |              | M85049/42 Ref. |
|----------|------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
|          |            |              |              |              |              | Min          | Max          |                |
| 22       | 28         | 1.312 (33.3) | 2.281 (57.9) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 23       | 32         | 1.375 (34.9) | 2.725 (69.2) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 24       | 32         | 1.375 (34.9) | 2.725 (69.2) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 25       | 32         | 1.375 (34.9) | 2.500 (63.5) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 26       | 36         | 1.406 (35.7) | 2.815 (71.5) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 27       | 36         | 1.406 (35.7) | 2.815 (71.5) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 28       | 36         | 1.406 (35.7) | 2.469 (62.7) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.840 (46.7) | 32             |
| 29       | 40         | 2.156 (54.8) | 2.815 (71.5) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 30       | 40         | 2.156 (54.8) | 2.815 (71.5) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 31       | 40         | 2.156 (54.8) | 2.469 (62.7) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 32       | 44         | 2.156 (54.8) | 2.815 (71.5) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 33       | 44         | 2.156 (54.8) | 2.815 (71.5) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 34       | 44         | 2.156 (54.8) | 2.469 (62.7) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 35       | 48         | 2.156 (54.8) | 2.815 (71.5) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 36       | 48         | 2.156 (54.8) | 2.815 (71.5) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 37       | 48         | 2.156 (54.8) | 2.469 (62.7) | 1.830 (46.5) | 3.020 (76.7) | 1.437 (36.5) | 1.875 (47.6) | 32             |
| 38       | 61         | 1.188 (30.2) | 2.575 (65.4) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 39       | 61         | 1.188 (30.2) | 2.218 (56.3) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.184 (30.1) | 20             |
| 40       | 16         | .906 (23.0)  | 2.235 (56.8) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 41       | 18         | 1.093 (27.8) | 2.425 (61.6) | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 4              |
| 42       | 18         | 1.093 (27.8) | 2.425 (61.6) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 6              |
| 43       | 20         | 1.093 (27.8) | 2.425 (61.6) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 6              |
| 44       | 22         | 1.188 (30.2) | 2.575 (65.4) | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 4              |
| 45       | 22         | 1.188 (30.2) | 2.575 (65.4) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 6              |
| 46       | 24         | 1.188 (30.2) | 2.575 (65.4) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 47       | 36         | 1.406 (35.7) | 2.815 (71.5) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 48       | 40         | 2.156 (54.8) | 2.815 (71.5) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 49*      | 10         | 1.500 (38.1) | 2.035 (51.7) | 1.027 (26.1) | 1.145 (29.1) | .250 (6.4)   | .437 (11.1)  | 6              |
| 50*      | 14         | 1.842 (46.8) | 2.425 (61.6) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 51*      | 16         | 1.938 (49.2) | 2.575 (65.4) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 52       | 18         | 1.093 (27.8) | 2.425 (61.6) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 53       | 61         | 1.188 (30.2) | 2.575 (65.4) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 54       | 20         | 1.093 (27.8) | 2.425 (61.6) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 55*      | 20         | 2.061 (52.3) | 2.625 (66.7) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 56       | 22         | 1.188 (30.2) | 2.575 (65.4) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 57       | 22         | 1.188 (30.2) | 2.575 (65.4) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 58*      | 22         | 2.061 (52.3) | 2.625 (66.7) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 59       | 24         | 1.188 (30.2) | 2.575 (65.4) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 60       | 28         | 1.312 (33.3) | 2.625 (66.7) | 1.059 (26.9) | 1.551 (39.4) | .500 (12.7)  | .750 (19.1)  | 12             |
| 61       | 28         | 1.312 (33.3) | 2.625 (66.7) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 62       | 32         | 1.375 (34.9) | 2.725 (69.2) | 1.500 (38.1) | 2.363 (60.0) | 1.000 (25.4) | 1.375 (34.9) | 24             |
| 63       | 36         | 1.406 (35.7) | 2.815 (71.5) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 64       | 36         | 1.406 (35.7) | 2.815 (71.5) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 65       | 40         | 2.156 (54.8) | 2.815 (71.5) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 66       | 40         | 2.156 (54.8) | 2.815 (71.5) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 67       | 44         | 2.156 (54.8) | 2.815 (71.5) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 68       | 44         | 2.156 (54.8) | 2.815 (71.5) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 69       | 48         | 2.156 (54.8) | 2.815 (71.5) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 70       | 48         | 2.156 (54.8) | 2.815 (71.5) | 1.781 (45.2) | 2.770 (70.4) | 1.250 (31.8) | 1.625 (41.3) | 28             |
| 71*      | 12         | 1.684 (42.8) | 2.236 (56.8) | 1.027 (26.1) | 1.332 (33.8) | .350 (8.9)   | .625 (15.9)  | 10             |
| 72*      | 18         | 1.938 (49.2) | 2.575 (65.4) | 1.156 (29.4) | 1.770 (45.0) | .625 (15.9)  | .937 (23.8)  | 16             |
| 73*      | 24         | 2.061 (52.3) | 2.625 (66.7) | 1.375 (34.9) | 2.113 (53.7) | .875 (22.2)  | 1.250 (31.8) | 20             |
| 74       | 14         | .812 (20.6)  | 2.125 (54.0) | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |
| 75       | 16         | .906 (23.0)  | 2.235 (56.8) | 1.027 (26.1) | .957 (24.3)  | .125 (3.2)   | .312 (7.9)   | 04             |

\* Denotes Style 2

Dimensions in inches (millimeters) and are subject to change without notice.