**Cable structure**

**EV07EE-H Cable structure size**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** |
| **The number of conductors and cross-sectional area** | **Nominal insulation thickness** | **Nominal sheath thickness** | **OD** | | **The Min insulation resistance at 70℃** |
| **mm²** | **mm** | **mm** | **Lower limit** | **Upper limit** | MΩ·km |
| **mm** | **mm** |
| 2×1 | 0.8 | 1.3 | 7.7 | 10.0 | 0.013 |
| 2×1.5 | 0.8 | 1.5 | 8.5 | 11.0 | 0.012 |
| 2×2.5 | 0.9 | 1.7 | 10.2 | 13.1 | 0.010 |
| 2×4 | 1.0 | 1.8 | 11.8 | 15.1 | 0.0094 |
| 2×6 | 1.0 | 2.0 | 13.1 | 16.8 | 0.0081 |
| 2×10 | 1.2 | 3.1 | 17.7 | 22.6 | 0.0076 |
| 2×16 | 1.2 | 3.3 | 20.2 | 25.7 | 0.0062 |
| 2×25 | 1.4 | 3.6 | 24.3 | 30.7 | 0.0058 |
| 2×35 | 1.4 | 4.0 | 27.5 | 34.8 | 0.0049 |
| 2×50 | 1.6 | 4.3 | 31.8 | 40.1 | 0.0048 |
| 2×70 | 1.6 | 4.5 | 35.5 | 44.8 | 0.0041 |
| 3×1 | 0.8 | 1.4 | 8.3 | 10.7 | 0.013 |
| 3×1.5 | 0.8 | 1.6 | 9.2 | 11.9 | 0.012 |
| 3×2.5 | 0.9 | 1.8 | 10.9 | 14.0 | 0.010 |
| 3×4 | 1.0 | 1.9 | 12.7 | 16.2 | 0.0094 |
| 3×6 | 1.0 | 2.1 | 14.1 | 18.0 | 0.0081 |
| 3×10 | 1.2 | 3.3 | 19.1 | 24.2 | 0.0076 |
| 3×16 | 1.2 | 3.5 | 21.8 | 27.6 | 0.0062 |
| 3×25 | 1.4 | 3.8 | 26.1 | 33.0 | 0.0058 |
| 3×35 | 1.4 | 4.1 | 29.3 | 37.1 | 0.0049 |
| 3×50 | 1.6 | 4.5 | 34.1 | 42.9 | 0.0048 |
| 3×70 | 1.6 | 4.8 | 38.4 | 48.3 | 0.0041 |
|  | | | | | |
| **1** | **2** | **3** | **4** | **5** | **6** |
| **The number of conductors and cross-sectional area** | **Nominal insulation thickness** | **Nominal sheath thickness** | **OD** | | **The Min insulation resistance at 70℃** |
| **mm²** | **mm** | **mm** | **Lower limit** | **Upper limit** | MΩ**·**km |
| **mm** | **mm** |
| 4×1 | 0.8 | 1.4 | 9.2 | 11.9 | 0.013 |
| 4×1.5 | 0.8 | 1.5 | 10.2 | 13.1 | 0.012 |
| 4×2.5 | 0.9 | 1.7 | 12.1 | 15.5 | 0.010 |
| 4×4 | 1.0 | 1.8 | 14.0 | 17.9 | 0.0094 |
| 4×6 | 1.0 | 2.0 | 15.7 | 20.2 | 0.0081 |
| 4×10 | 1.2 | 3.1 | 20.9 | 26.5 | 0.0076 |
| 4×16 | 1.2 | 3.3 | 23.8 | 30.1 | 0.0062 |
| 4×25 | 1.4 | 3.6 | 28.9 | 36.6 | 0.0058 |
| 4×35 | 1.4 | 4.0 | 32.5 | 41.1 | 0.0049 |
| 4×50 | 1.6 | 4.3 | 37.7 | 47.5 | 0.0048 |
| 4×70 | 1.6 | 4.5 | 42.7 | 54.0 | 0.0041 |
| 5×1 | 0.8 | 1.4 | 10.2 | 13.1 | 0.013 |
| 5×1.5 | 0.8 | 1.6 | 11.2 | 14.4 | 0.012 |
| 5×2.5 | 0.9 | 1.8 | 13.3 | 17.0 | 0.010 |
| 5×4 | 1.0 | 1.9 | 15.6 | 19.9 | 0.0094 |
| 5×6 | 1.0 | 2.1 | 17.5 | 22.2 | 0.0081 |
| 5×10 | 1.2 | 3.3 | 22.9 | 29.1 | 0.0076 |
| 5×16 | 1.2 | 3.5 | 26.4 | 33.3 | 0.0062 |
| 5×25 | 1.4 | 3.8 | 32.0 | 40.4 | 0.0058 |
| 5×35 | 1.4 | 4.1 | 36.3 | 45.8 | 0.0049 |
| 5×50 | 1.6 | 4.5 | 42.2 | 53.1 | 0.0048 |
| 5×70 | 1.6 | 4.8 | 47.5 | 59.8 | 0.0041 |

**EV07EE-H Cable structure size**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **1** | **2** | **3** | **4** | **5** | **6** | **7** |
| **The number of conductors and cross-sectional area** | **Nominal insulation thickness** | **Shield wire diameter minimum nominal value** | **Nominal sheath thickness** | **OD** | | **The Min insulation resistance at 70℃** |
| **mm²** | **mm** | **mm** | **mm** | **Lower limit** | **Upper limit** | MΩ**·**km |
| **mm** | **mm** |
| 2×1 | 0.8 | 0.16 | 1.3 | 9.0 | 11.3 | 0.013 |
| 2×1.5 | 0.8 | 0.16 | 1.5 | 9.8 | 12.3 | 0.012 |
| 2×2.5 | 0.9 | 0.16 | 1.7 | 11.5 | 14.4 | 0.010 |
| 2×4 | 1.0 | 0.16 | 1.8 | 13.1 | 16.4 | 0.0094 |
| 2×6 | 1.0 | 0.21 | 2.0 | 14.6 | 18.3 | 0.0081 |
| 2×10 | 1.2 | 0.21 | 3.1 | 19.2 | 24.1 | 0.0076 |
| 2×16 | 1.2 | 0.21 | 3.3 | 21.7 | 27.2 | 0.0062 |
| 2×25 | 1.4 | 0.21 | 3.6 | 25.8 | 32.2 | 0.0058 |
| 2×35 | 1.4 | 0.26 | 4.0 | 29.2 | 36.5 | 0.0049 |
| 2×50 | 1.6 | 0.26 | 4.3 | 33.4 | 41.8 | 0.0048 |
| 2×70 | 1.6 | 0.26 | 4.5 | 37.2 | 46.5 | 0.0041 |
| 3×1 | 0.8 | 0.16 | 1.4 | 9.6 | 12.0 | 0.013 |
| 3×1.5 | 0.8 | 0.16 | 1.6 | 10.5 | 13.2 | 0.012 |
| 3×2.5 | 0.9 | 0.16 | 1.8 | 12.2 | 15.3 | 0.010 |
| 3×4 | 1.0 | 0.21 | 1.9 | 14.2 | 17.7 | 0.0094 |
| 3×6 | 1.0 | 0.21 | 2.1 | 15.6 | 19.5 | 0.0081 |
| 3×10 | 1.2 | 0.21 | 3.3 | 20.6 | 25.7 | 0.0076 |
| 3×16 | 1.2 | 0.21 | 3.5 | 23.3 | 28.2 | 0.0062 |
| 3×25 | 1.4 | 0.26 | 3.8 | 27.8 | 34.7 | 0.0058 |
| 3×35 | 1.4 | 0.26 | 4.1 | 31.0 | 38.8 | 0.0049 |
| 3×50 | 1.6 | 0.26 | 4.5 | 35.8 | 44.6 | 0.0048 |
| 3×70 | 1.6 | 0.31 | 4.8 | 40.3 | 50.2 | 0.0041 |
| 4×1 | 0.8 | 0.16 | 1.5 | 10.5 | 13.2 | 0.013 |
| 4×1.5 | 0.8 | 0.16 | 1.7 | 11.5 | 14.4 | 0.012 |
| 4×2.5 | 0.9 | 0.16 | 1.9 | 13.4 | 16.8 | 0.010 |
| 4×4 | 1.0 | 0.21 | 2.0 | 15.5 | 19.4 | 0.0094 |
| 4×6 | 1.0 | 0.21 | 2.3 | 17.2 | 21.5 | 0.0081 |
| 4×10 | 1.2 | 0.21 | 3.4 | 22.4 | 28.0 | 0.0076 |
| 4×16 | 1.2 | 0.21 | 3.6 | 25.3 | 31.6 | 0.0062 |
| 4×25 | 1.4 | 0.26 | 4.1 | 30.6 | 38.3 | 0.0058 |
| 4×35 | 1.4 | 0.26 | 4.4 | 34.2 | 42.8 | 0.0049 |
| 4×50 | 1.6 | 0.31 | 4.8 | 39.6 | 49.4 | 0.0048 |
| 4×70 | 1.6 | 0.31 | 5.2 | 44.6 | 55.9 | 0.0041 |
| 5×1 | 0.8 | 0.16 | 1.6 | 11.5 | 14.4 | 0.013 |
| 5×1.5 | 0.8 | 0.21 | 1.8 | 12.5 | 15.7 | 0.012 |
| 5×2.5 | 0.9 | 0.21 | 2.0 | 14.8 | 18.5 | 0.010 |
| 5×4 | 1.0 | 0.21 | 2.2 | 17.1 | 21.4 | 0.0094 |
| 5×6 | 1.0 | 0.21 | 2.5 | 19.0 | 23.7 | 0.0081 |
| 5×10 | 1.2 | 0.26 | 3.6 | 24.4 | 30.6 | 0.0076 |
| 5×16 | 1.2 | 0.26 | 3.9 | 28.1 | 35.0 | 0.0062 |
| 5×25 | 1.4 | 0.26 | 4.4 | 33.7 | 42.1 | 0.0058 |
| 5×35 | 1.4 | 0.26 | 4.9 | 38.0 | 47.5 | 0.0049 |
| 5×50 | 1.6 | 0.31 | 5.4 | 44.1 | 55.0 | 0.0048 |
| 5×70 | 1.6 | 0.31 | 5.7 | 49.4 | 61.7 | 0.0041 |