

VaSTEC



a cut above the rest

Cut to your exact requirements the new Vastec EMC cable from Prysmian is the ultimate solution in AC VSD applications.

Providing optimum delivery of power with minimized interference, Vastec is perfectly suited to electromagnetic sensitive environments.

Designed using a high grade low capacitance insulation and PVC sheathing, Prysmian offers screening options of both copper braid over metallized tape, and metallic tape to suit your application's flexibility requirements.

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DATA SHEET

VaSTEC™ EMC/VARIABLE SPEED DRIVE 0.6/1KV

1.5mm² & 2.5mm² cables are a flexible, 3 core and earth construction, XLPE insulated and PVC sheathed to AS/NZS 1125 and AS/NZS 5000.1 incorporating a heavy duty tinned copper braid screen over metalised tape.

4.0mm² to 10mm² cable are a flexible, 3 core plus 3 split earth symmetrical construction, XLPE insulated and PVC sheathed to AS/NZS 1125 and AS/NZS 5000.1 incorporating a heavy duty tinned copper braid screen over metalised tape.

| Code | Nominal Conductor Area mm ² | Nominal Combined Earth Area mm ² | Overall Diameter | | Weight kg/100m |
|-----------|---|--|---------------------|------|-------------------|
| | | | Min. | Max. | |
| 1.5FXEMC* | 1.5 | 1.5 | 11.7 | 12.7 | 22 |
| 2.5FXEMC* | 2.5 | 2.5 | 12.7 | 13.7 | 29 |
| 4FXEMC | 4.0 | 3.0 | 13.9 | 14.9 | 38 |
| 6FXEMC | 6.0 | 3.0 | 15.7 | 16.7 | 48 |
| 10FXEMC | 10 | 4.5 | 17.6 | 18.7 | 65 |

* Cable has only one earth with a cross section area equal to the phase conductor.

VaSTEC™ EMC/VARIABLE SPEED DRIVE 0.6/1KV

10mm² cables and above are a rigid, 3 core plus 3 split earth symmetrical construction, XLPE insulated and PVC sheathed to AS/NZS 1125 and AS/NZS 5000.1 incorporating a copper tape screen over PVC bedding.

| Code | Nominal Conductor Area mm ² | Nominal Combined Earth Area mm ² | Overall Diameter | | Weight kg/100m |
|---------|---|--|---------------------|------|-------------------|
| | | | Min. | Max. | |
| 10REMC | 10 | 4.5 | 17.7 | 19.3 | 65 |
| 16REMC | 16 | 7.5 | 20.2 | 21.9 | 95 |
| 25REMC | 25 | 12 | 23.6 | 25.3 | 135 |
| 35REMC | 35 | 18 | 26.0 | 27.9 | 170 |
| 50REMC | 50 | 30 | 29.5 | 31.5 | 225 |
| 70REMC | 70 | 30 | 33.9 | 35.1 | 290 |
| 95REMC | 95 | 48 | 38.2 | 39.7 | 395 |
| 120REMC | 120 | 48 | 42.6 | 44.0 | 475 |
| 150REMC | 150 | 75 | 47.3 | 48.9 | 600 |
| 185REMC | 185 | 75 | 52.6 | 54.2 | 725 |
| 240REMC | 240 | 105 | 59.2 | 60.9 | 940 |
| 300REMC | 300 | 150 | 64.9 | 66.9 | 1175 |