

Multicore Screened Flexible Control PVC/NBR Cable EMC V90°C 300/500V

EMC Screened Flexible Control.
 300/500V



Cable Construction

1. **Conductors:**
Annealed fine wires of plain electrolytic copper stranded for high flexibility. Class 5 conductor.
2. **Insulation:**
PVC Insulated V90°C
3. **Screening:**
Tinned copper braid 85% minimum coverage.
4. **Protective sheath:**
Flame retardant, oil resistant Aflex NBR Elastomer for outstanding flexibility and durability in most hostile environments.
5. UV stabilised and flame retardant.

Temperature Range

-20 to +90°C static
 -5 to +90°C flexing

Rated Voltage

300/500V

Relevant Standards

AS/NZS 3808, AS/NZS 1125, IEC 60332-1

Maximum Conductor Temperature

90°C

Typical Uses

Machine tools, construction and engineering equipment, conveyors and AC Variable Speed Drives, load banks, ship to shore cables, and other applications requiring screen cables for EMC applications.

The materials used in the manufacture of these cables are RoHS Compliant.

Bending Radius

8 times diameter after install

12 times diameter during install

Technical Data

| Part Number | Size mm ² | Nom. Stranding No./mm | Nom. O.D. mm | Approx. Cable Weight Kg/Km |
|---------------|----------------------|-----------------------|--------------|----------------------------|
| CTCY07/0.5BK | 7 x 0.5 | 16x0.20 | 9.1 | 122 |
| CTCY12/0.5BK | 12 x 0.5 | 16/0.20 | 11.5 | 200 |
| CTCY03/0.75BK | 3 x 0.75 | 24/0.20 | 8.4 | 92 |
| CTCY07/0.75BK | 7 x 0.75 | 24/0.20 | 10.7 | 151 |
| CTCY12/0.75BK | 12 x 0.75 | 24/0.20 | 13.7 | 259 |
| CTCY18/0.75BK | 18 x 0.75 | 24/0.20 | 16.0 | 353 |
| CTCY25/0.75BK | 25 x 0.75 | 24/0.20 | 19.4 | 496 |
| CTCY02/1.5BK | 2 x 1.5 | 48/0.20 | 9.5 | 118 |
| CTCY07/1.5BK | 7 x 1.5 | 48/0.20 | 12.6 | 256 |
| CTCY12/1.5BK | 12 x 1.5 | 48/0.20 | 16.2 | 436 |
| CTCY19/1.5BK | 19 x 1.5 | 48/0.20 | 19.5 | 618 |
| CTCY07/2.5BK | 7 x 2.5 | 80/0.20 | 15.3 | 367 |

CMI Head Office NSW | (02) 9807 6155 | F3, 3-29 Birnie Ave, Lidcombe, NSW, 2141 | nswsales@cmielectrical.com.au

CMI QLD-Brisbane

(07) 3863 0749
 485A Zillmere Road,
 Zillmere QLD 4034
southqldsales@cmielectrical.com.au

CMI QLD - Rockhampton

(07) 4921 0978
 Shop 3 at 76 Hollingsworth Street,
 North Rockhampton Qld 4701
northqldsales@cmielectrical.com.au

CMI VIC

(03) 9532 1233
 3 Dissik Street,
 Cheltenham VIC 3192
vicsales@cmielectrical.com.au

CMI WA

(08) 9358 1788
 36 Division Street,
 Welshpool WA 6106
wasaes@cmielectrical.com.au