

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

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