

Multicore Flexible Control PVC/PVC Cable 75°C 300/500V

Flexible
Control Cables
PVC/PVC
300/500V



Cable Construction

- Conductors:**
Annealed fine wires of plain electrolytic copper stranded for high flexibility. Class 5.
- Insulation:**
PVC Insulated V75
- Cores:**
Black insulated with sequential white numbers, 1 green/yellow.
- Protective sheath:**
Flame retardant, oil resistant Special PVC for outstanding flexibility and durability in most hostile environments.
- UV stabilised and flame retardant.
- Sheath in grey or black.

Temperature Range

-20 to +75°C static
-5 to +75°C flexing

Rated Voltage

300/500V

Relevant Standards

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

Maximum Conductor Temperature

75°C

Typical Uses

Power:

Machine tools, construction and engineering equipment, conveyors, load banks or other applications requiring numbered control cables.

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

Bending Radius

8 times diameter after installed
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
CTP02/0.5GRY	2 x 0.5	16/0.20	4.9	35
CTP03/0.5GRY	3 x 0.5	16/0.20	5.2	42
CTP04/0.5GRY	4 x 0.5	16/0.20	5.8	54
CTP05/0.5GRY	5 x 0.5	16/0.20	6.3	65
CTP07/0.5GRY	7 x 0.5	16/0.20	6.8	81
CTP12/0.5GRY	12 x 0.5	16/0.20	8.8	136
CTP18/0.5GRY	18 x 0.5	16/0.20	10.5	196
CTP25/0.5GRY	25 x 0.5	16/0.20	12.9	270
CTP02/0.75GRY	2 x 0.75	24/0.20	5.3	44
CTP03/0.75GRY	3 x 0.75	24/0.20	5.8	55
CTP04/0.75GRY	4 x 0.75	24/0.20	6.3	69
CTP05/0.75GRY	5 x 0.75	24/0.20	6.9	83
CTP07/0.75BK	7 x 0.75	24/0.20	7.5	104
CTP07/0.75GRY	7 x 0.75	24/0.20	7.5	104
CTP12/0.75GRY	12 x 0.75	24/0.20	9.9	182
CTP18/0.75GRY	18 x 0.75	24/0.20	11.8	262
CTP25/0.75GRY	25 x 0.75	24/0.20	14.7	389
CTP02/1.0GRY	2 x 1.0	32/0.20	5.9	55
CTP03/1.0GRY	3 x 1.0	32/0.20	6.2	67
CTP04/1.0GRY	4 x 1.0	32/0.20	6.8	83
CTP05/1.0GRY	5 x 1.0	32/0.20	7.4	101
CTP07/1.0GRY	7 x 1.0	32/0.20	8.0	128
CTP12/1.0GRY	12 x 1.0	32/0.20	10.7	223
CTP18/1.0GRY	18 x 1.0	32/0.20	12.9	329
CTP25/1.0GRY	25 x 1.0	32/0.20	15.8	477
CTP03/1.5GRY	3 x 1.5	48/0.20	7.3	92
CTP04/1.5GRY	4 x 1.5	48/0.20	8.0	114
CTP05/1.5GRY	5 x 1.5	48/0.20	8.7	139
CTP07/1.5BK	7 x 1.5	48/0.20	9.7	181
CTP07/1.5GRY	7 x 1.5	48/0.20	9.7	181
CTP12/1.5BK	12 x 1.5	48/0.20	13.2	323
CTP12/1.5GRY	12 x 1.5	48/0.20	13.2	323
CTP18/1.5BK	18 x 1.5	48/0.20	15.8	473
CTP18/1.5GRY	18 x 1.5	48/0.20	15.8	473
CTP25/1.5BK	25 x 1.5	48/0.20	19.3	726
CTP25/1.5GRY	25 x 1.5	48/0.20	19.3	560
CTP12/2.5BK	12 x 2.5	80/0.20	15.6	488
CTP18/2.5BK	18 x 2.5	80/0.20	18.6	713

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