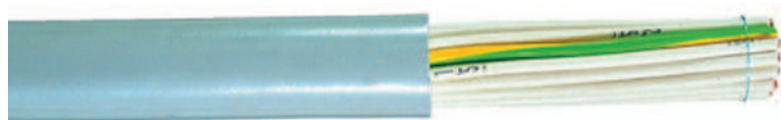


PREMIUM RUBBER FLEXIBLE CONTROL CABLE

300/500V 80°C



SERIES



APPLICATIONS:

Control and Signals For use on machines, portable tools, conveying equipment and other industrial applications. These cables are flexible for installation and intermittent flexible use with free movement without tensile stress.

Harsh Environments With its high flexibility, durable NBR sheath and excellent resistance to oil, heat, abrasion, ozone, solvents and UV stabilization this cable is suited to harsh industrial environments.

Lighting & Entertainment With its extra durable NBR sheath this cable is suitable for indoor/outdoor lighting and control leads.

Audio Oxygen free copper for audio equipment.

CONSTRUCTION:

Conductor Annealed fine wires of plain electrolytic copper stranded for EXTREME flexibility to VDE 0295 Class 5 & 6

Insulation V90 SPVC

Sheath Special NBR

CHARACTERISTICS:

Temperature Range Fixed -40°C to 80°C / Flexing -5°C to 80°C

Rated Voltage Uo/U 300/500v **Max AC Operating Voltage** Uo 318v

Minimum Bending Radius Fixed 5 x cable diameter / Flexing 15 x cable diameter

Sheath Colour Grey - as standard colour / Black – in many sizes subject to availability (marked B)

Standard Core Colours White (numbered) plus 1 Grn/Yel Earth

Maximum Conductor Temperature 80°C

Relevant Standards DIN VDE 0295, IEC60332-1, AS/NZS 3191, AS/NZS 3808, Generally to AS/NZS 5000.1, C € Directive 2006/95/EC and **RoHS** Compliant.

PRODUCT FEATURES:

- ▶ Extremely fine stranded copper conductor
- ▶ Resistant to environmental factors like ozone
- ▶ Extreme flexibility with stranding to VDE 0295 Class 5 & 6
- ▶ Extensive heat, oil, solvent and chemical resistance (refer to chemical chart page 264)
- ▶ Highly flexible, tough and durable with resistance to abrasion
- ▶ UV Stabilised
- ▶ Flame retardant

Part Number	Number of Cores x Size mm ²	Approximate Stranding No. wires x mm	Approximate Overall Diameter mm	Approximate Weight Kg/Km
CT02/0.5	2 x 0.5	16/0.20	4.8	35
CT03/0.5	3 x 0.5	16/0.20	5.1	42
CT04/0.5	4 x 0.5	16/0.20	5.7	54
CT05/0.5	5 x 0.5	16/0.20	6.6	67
CT07/0.5	7 x 0.5	16/0.20	7.0	84
CT12/0.5	12 x 0.5	16/0.20	9.4	131
CT18/0.5	18 x 0.5	16/0.20	11.1	192
CT25/0.5	25 x 0.5	16/0.20	12.4	261
CT30/0.5	30 x 0.5	16/0.20	13.3	304
CT41/0.5	41 x 0.5	16/0.20	16.6	450
CT03/0.75	3 x 0.75	24/0.20	6.0	63
CT04/0.75	4 x 0.75	24/0.20	6.2	64

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Firstflex has taken every precaution to ensure accurate information in this catalogue but accept no liability for any errors or omissions. Firstflex reserves the right to modify specifications at any time.

Part Number	Number of Cores x Size mm ²	Approximate Stranding No. wires x mm	Approximate Overall Diameter mm	Approximate Weight Kg/Km
CT05/0.75	5 x 0.75	24/0.20	7.1	88
CT07/0.75	7 x 0.75	24/0.20	7.6	110
CT12/0.75	12 x 0.75	24/0.20	10.5	200
CT18/0.75	18 x 0.75	24/0.20	12.2	268
CT25/0.75	25 x 0.75	24/0.20	15.0	365
CT02/1.0	2 x 1.0	32/0.20	6.0	64
CT03/1.0	3 x 1.0	32/0.20	6.1	66
CT04/1.0	4 x 1.0	32/0.20	6.5	79
CT05/1.0	5 x 1.0	32/0.20	7.6	105
CT07/1.0	7 x 1.0	32/0.20	8.0	131
CT12/1.0	12 x 1.0	32/0.20	11.1	220
CT18/1.0	18 x 1.0	32/0.20	13.4	315
CT25/1.0	25 x 1.0	32/0.20	15.4	449
CT36/1.0	36 x 1.0	32/0.20	18.2	620
CT41/1.0	41 x 1.0	32/0.20	18.8	660
CT03/1.5	3 x 1.5	48/0.20	6.7	84
CT04/1.5	4 x 1.5	48/0.20	8.3	121
CT05/1.5	5 x 1.5	48/0.20	8.7	144
CT07/1.5	7 x 1.5	48/0.20	10.3	237
CT12/1.5	12 x 1.5	48/0.20	13.8	393
CT19/1.5	19 x 1.5	48/0.20	16.4	542
CT25/1.5 B	25 x 1.5	48/0.20	19.0	655
CT30/1.5 B	30 x 1.5	48/0.20	20.5	750
CT37/1.5 B	37 x 1.5	48/0.20	24.5	980
CT50/1.5	50 x 1.5	48/0.20	26.5	1224
CT04/2.5 B	4 x 2.5	80/0.20	11.0	192
CT07/2.5 B	7 x 2.5	80/0.20	13.0	310
CT12/2.5 B	12 x 2.5	80/0.20	18.0	524
CT18/2.5 B	18 x 2.5	80/0.20	21.0	784
CT27/2.5 B	27 x 2.5	80/0.20	26.0	900