

EB YY Control Flex Blue



VDE 0207-363-3, VDE 0285-525-2-51, VDE 0285-525-1,
VDE 0285-525-2-11, VDE 0482-332-1-2, VDE 819-102



APPLICATION

Control Cables are flexible in design and application. Examples include control, signalling, measurement, motor and robotics.

CONSTRUCTION

Conductor	Class 5 flexible copper conductor
Insulation	PVC (Polyvinyl Chloride)
Sheath	PVC (Polyvinyl Chloride)

CHARACTERISTICS

Voltage Rating (Uo/U)	300/500V
Temperature Rating	Fixed: -40°C to +70°C Flexing: -5°C to +70°C
Minimum Bending Radius	Fixed: 4 x overall diameter Flexing: 12.5 x overall diameter
Core Identification	2 core: Number coded 3 cores & above: number coded + green/yellow
Sheath Colour	Blue

- Available with colour coded cores





PREMIER

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Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01002X000.5	2	0.5	4.8	36	16
01002X000.75	2	0.75	5.2	46	16s
01002X001	2	1	5.6	56	16s
01002X001.5	2	1.5	6.4	73	16
01002X002.5	2	2.5	7.6	113	16

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01003X000.5	3	0.5	5.1	44	16
01003X000.75	3	0.75	5.5	55	16s
01003X01	3	1	6.1	69	16
01003X001.5	3	1.5	6.8	91	16
01003X002.5	3	2.5	8.3	140	20
01003X04	3	4	10.0	210	20
01003X06	3	6	11.5	293	20
01003X010	3	10	14.9	500	25
01003X016	3	16	16.8	704	32
01003X025	3	25	21.1	1080	32

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01004X000.5	4	0.5	5.5	54	16
01004X000.75	4	0.75	6.2	70	16
01004X001	4	1	6.7	85	16
01004X001.5	4	1.5	7.6	116	16
01004X002.5	4	2.5	9.3	179	20
01004X004	4	4	11.2	269	20
01001X006	4	6	12.8	374	20
01004X010	4	10	16.6	608	25
01004X016	4	16	18.7	844	32
01004X025	4	25	23.6	1327	40
01004X035	4	35	27.2	1790	40

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Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01005X000.5	5	0.5	6.2	64	16
01005X000.75	5	0.75	6.7	83	16
01005X001	5	1	7.5	104	16
01005X001.5	5	1.5	8.3	136	20
01005X002.5	5	2.5	10.3	213	20
01005X004	5	4	12.4	321	20
01005X006	5	6	14.3	447	25
01005X010	5	10	18.4	760	32
01005X016	5	16	20.9	1064	32
01005X025	5	25	26.4	1673	40
01005X035	5	35	30.3	2252	40

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01007X000.5	7	0.5	6.7	81	16
01007X000.75	7	0.75	7.5	108	16
01007X001	7	1	8.1	130	16
01007X001.5	7	1.5	9.2	177	20
01007X002.5	7	2.5	11.2	277	20
01007X004	7	4	13.7	423	20
01007X006	7	6	15.7	593	25

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01008X000.75	8	0.75	8.1	120	16
01008X001	8	1	9.0	150	16
01008X001.5	8	1.5	10.0	200	20

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01012X000.5	12	0.5	9.1	139	20
01012X000.75	12	0.75	9.9	179	20
01012X001	12	1	10.9	225	20
01012X001.5	12	1.5	12.4	302	20

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Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01018X000.5	18	0.5	10.7	201	20
01018X000.75	18	0.75	11.9	230	20
01018X001	18	1	12.9	324	25
01018X001.5	18	1.5	14.8	446	25
01018X002.5	18	2.5	18.2	704	32

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01025X000.5	25	0.5	12.9	285	20
01025X000.75	25	0.75	14.3	372	25
01025X001	25	1	15.7	462	32
01025X001.5	25	1.5	18.0	627	32
01025X002.5	25	2.5	22.3	997	32

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01034X000.75	34	0.75	16.3	492	25
01034X001	34	1	17.9	617	25
01034X001.5	34	1.5	20.2	833	32
01034X002.5	34	2.5	25.2	1337	40

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km	Nylon Cable Glands metric
01050X001	50	1	21.0	1186	32
01050X001.5	50	1.5	23.8	1898	40
01050X002.5	50	2.5	29.6	1031	40

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Electrical Characteristics

Nominal Cross Sectional Area mm ²	Current Carrying Capacities 30°C Continuous Loading amps	Maximum Resistance of Conductor ohms/km
0.5	9	39
0.75	12	26
1	15	19.5
1.5	18	13.3
2.5	26	7.98
4	34	4.95
6	44	3.3
10	61	1.91
16	82	1.21
25	108	0.78
35	135	0.554

The information contained within this data sheet is for guidance only.

Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances.

Every possible effort is made to ensure that the Information contained in this data sheet is correct.

However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions.

References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.