YY Control Cable - Flexible - BS EN 50525-2-11 - 0.5mm² to 50mm²

Description

YY Control Cable is used as a control cable on conveyors, assembly and production lines. It is generally used indoors as an interconnecting cable in signal and control equipment.

These cables are not UV resistant but can be used outdoors if adequately protected against direct sunlight in trunking etc.

Key Features

Voltage Rating
300/500 Volts

Minimum Bending Radius
8 x Overall Diameter

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Fixed: -40°C to +80°C

Core Colours

2 core- Black with White numbers

3 core and above - Black with White numbers plus Green Yellow

Also available with coloured cores as follows:

2 core - Blue, Brown

3 core - Blue, Brown, Green Yellow

4 core - Brown, Black, Grey, Green Yellow

5 core - Blue, Brown, Black, Grey, Green Yellow

7 core - Blue, Brown, Black, Grey, White, Red, Green Yellow

Standards

- BS EN/IEC 60332-1-2
- BS EN/IEC 60228
- BS EN 50363-3
- BS EN 50363-4-1
- Generally to BS EN 50525-2-11

Construction

- **Conductor**: Class 5 Flexible Copper Conductor
- **Insulation**: Polyvinyl Chloride (PVC)
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **Sheath Colour**: Grey

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

YY Control Cable - Flexible - BS EN 50525-2-11 - 0.5mm² to 50mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
YY2X/5	0.5	2	16/0.20	4.9	35	20/16
YY3X/5	0.5	3	16/0.20	5.3	44	20/16
YY4X/5	0.5	4	16/0.20	5.9	53	20/16
YY5X/5	0.5	5	16/0.20	6.4	68	20/16
YY7X/5	0.5	7	16/0.20	6.4	68	20/16
YY12X/5	0.5	12	16/0.20	7.9	90	20/16
YY18X/5	0.5	18	16/0.20	8.3	100	20/16
YY25X/5	0.5	25	16/0.20	12.2	264	20/16
YY30X/5	0.5	30	16/0.20	12.6	294	20/16
YY40X/5	0.5	40	16/0.20	14.4	387	20/16
YY2X/75	0.75	2	24/0.20	5.6	46	20/16
YY3X/75	0.75	3	24/0.20	5.7	52	20/16
YY4X/75	0.75	4	24/0.20	6.2	64	20/16
YY5X/75	0.75	5	24/0.20	7	77	20/16
YY7X/75	0.75	7	24/0.20	7.3	95	20/16
YY12X/75	0.75	12	24/0.20	9.5	155	20S
YY18X/75	0.75	18	24/0.20	11.1	221	20
YY25X/75	0.75	25	24/0.20	13.2	305	20
YY34X/75	0.75	34	24/0.20	16.7	460	25
YY50X/75	0.75	50	24/0.20	18.4	578	25
YY65X/75	0.75	65	24/0.20	23.5	850	32
YY2X1	1	2	32/0.20	6	55	20/16
YY3X1	1	3	32/0.20	6.1	66	20/16
YY4X1	1	4	32/0.20	6.7	82	20/16
YY5X1	1	5	32/0.20	7.5	93	20/16
YY7X1	1	7	32/0.20	8.1	121	20S
YY8X1	1	8	32/0.20	8.2	132	20S
YY12X1	1	12	32/0.20	11	200	20S
YY18X1	1	18	32/0.20	12.7	318	20
YY25X1	1	25	32/0.20	15.5	415	25
YY34X1	1	34	32/0.20	18.3	575	25
YY41X1	1	41	32/0.20	19	665	25
YY50X1	1	50	32/0.20	21.3	815	32
YY65X1	1	65	32/0.20	25.6	1055	32
YY2X1/5	1.5	2	30/0.25	6.6	69	20/16
YY3X1/5	1.5	3	30/0.25	7	87	20/16
YY4X1/5	1.5	4	30/0.25	1.6	110	20/16
YY5X1/5	1.5	5	30/0.25	8.1	124	20S

31196

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
YY7X1/5	1.5	7	30/0.25	9.2	176	20S
YY8X1/5	1.5	8	30/0.25	11.2	230	20
YY10X1/5	1.5	10	30/0.25	12.4	265	20
YY12X1/5	1.5	12	30/0.25	13.1	290	20
YY18X1/5	1.5	18	30/0.25	14.8	424	25
YY25X1/5	1.5	25	30/0.25	18	565	25
YY34X1/5	1.5	34	30/0.25	21	775	32
YY50X1/5	1.5	50	30/0.25	24.2	1095	32
YY65X1/5	1.5	65	30/0.25	28.8	1390	40
YY2X2/5	2.5	2	50/0.25	7.8	106	20/16
YY3X2/5	2.5	3	50/0.25	8.1	126	20S
YY4X2/5	2.5	4	50/0.25	8.9	159	20S
YY5X2/5	2.5	5	50/0.25	9.7	178	20S
YY7X2/5	2.5	7	50/0.25	11.1	272	20S
YY8X2/5	2.5	8	50/0.25	13.5	350	20
YY12X2/5	2.5	12	50/0.25	13.8	403	20
YY18X2/5	2.5	18	50/0.25	17.5	597	25
YY25X2/5	2.5	25	50/0.25	22	885	32
YY34X2/5	2.5	34	50/0.25	25.8	1220	32
YY3X4	4	3	56/0.30	10.4	201	20S
YY4X4	4	4	56/0.30	10.7	283	20S
YY5X4	4	5	56/0.30	12.4	293	20
YY7X4	4	7	56/0.30	14	413	25
YY3X6	6	3	84/0.30	11.5	273	20
YY4X6	6	4	84/0.30	12.8	352	20
YY5X6	6	5	84/0.30	14.6	415	25
YY7X6	6	7	84/0.30	15.2	537	25
YY3X10	10	3	80/0.40	15.3	466	25
YY4X10	10	4	80/0.40	16.5	631	25
YY5X10	10	5	80/0.40	18.6	720	25
YY3X16	16	3	126/0.40	18.4	697	25
YY4X16	16	4	126/0.40	19.9	767	32
YY5X16	16	5	126/0.40	22.4	1151	32
YY3X25	25	3	196/0.40	21.5	930	32
YY4X25	25	4	196/0.40	22.5	1150	32
YY5X25	25	5	196/0.40	27.9	1679	40
YY4X35	35	4	276/0.40	29	1970	40
YY5X35	35	5	276/0.40	31.3	2206	40
YY4X50	50	4	396/0.40	34	2700	50S

31196

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

31196