

CONTROL CABLES – BS EN 60228 (CU / PVC / PVC) - YSLY - IEC 60228



CONDUCTORS

Plain annealed class 5 copper flexible stranded circular conductor to BS EN 60228:2005 (earlier BS 6360)

OUTER SHEATH

PVC insulation complying with BS EN 50363-3 requirements for type TI 2

VOLTAGE RATING

300/500 V

APPLICATION

*Used as interconnecting cable for measuring, controlling or regulation in control equipment.

*Suitable for fixed installation or for flexible use in conditions of light mechanical stress.

INSULATION

PVC insulation complying with BS 7655 requirements of type TM2

SHEATH COLOR

Grey RAL 7001

TEMPERATURE RATING

-15° C TO +70° C

Table 1: Dimensions

Size Reference	No. of conductors x section (mm²)	Cable outer Diameter (mm) / Nominal	Weight approx (kg/km)
YSLY-OZ 2x0.5	2x0.5	4.60	32
YSLY-JZ 3G0.5	3G0.5	4.90	40
YSLY-JZ 4G0.5	4G0.5	5.30	48
YSLY-JZ 5G0.5	5G0.5	5.70	57
YSLY-JZ 7G0.5	7G0.5	6.40	74
YSLY-JZ 12G0.5	12G0.5	8.50	129
YSLY-JZ 18G0.5	18G0.5	10.0	184
YSLY-JZ 19G0.5	19G0.5	10.0	187
YSLY-JZ 25G0.5	25G0.5	12.30	270
YSLY-JZ 27G0.5	27G0.5	12.25	275
YSLY-JZ 30G0.5	30G0.5	12.70	300
YSLY-JZ 34G0.5	34G0.5	13.30	333
YSLY-JZ 40G0.5	40G0.5	14.50	394
YSLY-OZ 2x0.75	2x0.75	5.00	40
YSLY-JZ 3G0.75	3G0.75	5.30	50
YSLY-JZ 4G0.75	4G0.75	5.70	60
YSLY-JZ 5G0.75	5G0.75	6.50	77
YSLY-JZ 7G0.75	7G0.75	7.00	96
YSLY-JZ 12G0.75	12G0.75	9.50	172
YSLY-JZ 18G0.75	18G0.75	11.20	247
YSLY-JZ 19G0.75	19G0.75	11.20	253
YSLY-JZ 25G0.75	25G0.75	13.70	358
YSLY-JZ 27G0.75	27G0.75	13.70	370
YSLY-JZ 30G0.75	30G0.75	14.10	400
YSLY-JZ 34G0.75	34G0.75	14.70	442
YSLY-JZ 42G0.75	42G0.75	16.00	534
YSLY-JZ 50G0.75	50G0.75	17.90	653
YSLY-JZ 61G0.75	61G0.75	19.80	798
YSLY-OZ 2x1	2x1	5.40	49
YSLY-JZ 3G1	3G1	5.70	60
YSLY-JZ 4G1	4G1	6.40	78
YSLY-JZ 5G1	5G1	7.00	94
YSLY-JZ 7G1	7G1	7.80	123
YSLY-JZ 12G1	12G1	10.30	213
YSLY-JZ 18G1	18G1	12.40	313

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Table 2: Dimensions

Size Reference	No. of conductors x section (mm ²)	Cable outer Diameter (mm) / Nominal	Weight approx (kg/km)
YSLY-JZ 19G1	19G1	12.40	321
YSLY-JZ 25G1	25G1	14.90	445
YSLY-JZ 27G1	27G1	14.90	460
YSLY-JZ 34G1	34G1	16.00	552
YSLY-JZ 37G1	37G1	17.00	613
YSLY-JZ 42G1	42G1	17.80	683
YSLY-JZ 50G1	50G1	19.50	817
YSLY-JZ 61G1	61G1	21.60	1000
YSLY-OZ 2x1.5	2x1.5	6.00	64
YSLY-JZ 3G1.5	3G1.5	6.35	80
YSLY-JZ 4 5	4G1.5	6.90	100
YSLY-JZ 5G1.5	5G1.5	7.80	126
YSLY-JZ 7G1.5	7G1.5	8.40	159
YSLY-JZ 12G1.5	12G1.5	11.35	282
YSLY-JZ 18G1.5	18G1.5	13.60	413
YSLY-JZ 19G1.5	19G1.5	13.60	424
YSLY-JZ 25G1.5	25G1.5	16.60	595
YSLY-JZ 27G1.5	27G1.5	16.60	617
YSLY-JZ 37G1.5	37G1.5	18.40	800
YSLY-JZ 42G1.5	42G1.5	19.70	913
YSLY-JZ 50G1.5	50G1.5	21.75	1100
YSLY-JZ 61G1.5	61G1.5	23.80	1329
YSLY-OZ 2x2.5	2x2.5	7.30	99
YSLY-JZ 3G2.5	3G2.5	8.00	129
YSLY-JZ 4G2.5	4G2.5	8.70	161
YSLY-JZ 5G2.5	5G2.5	9.70	201
YSLY-JZ 7G2.5	7G2.5	10.55	258
YSLY-JZ 12G2.5	12G2.5	14.50	464
YSLY-JZ 18G2.5	18G2.5	17.30	678
YSLY-JZ 19G2.5	19G2.5	17.30	696
YSLY-JZ 25G2.5	25G2.5	21.00	970
YSLY-JZ 3G4	3G4	9.30	189
YSLY-JZ 4G4	4G4	10.20	239
YSLY-JZ 5G4	5G4	11.40	299
YSLY-JZ 3G6	3G6	11.30	281
YSLY-JZ 4G6	4G6	12.50	359
YSLY-JZ 5G6	5G6	14.00	449
YSLY-JZ 4G10	4G10	15.30	568
YSLY-JZ 4G16	4G16	19.10	897
YSLY-JZ 4G25	4G25	23.40	1373

Note: Black insulated cores with White numbers + Yellow/Green Conductor.