

YSL11Y JZ/OZ 300/500V



MULTISTANDARD
CABLES

CONTROL
CABLES

DATA
CABLES

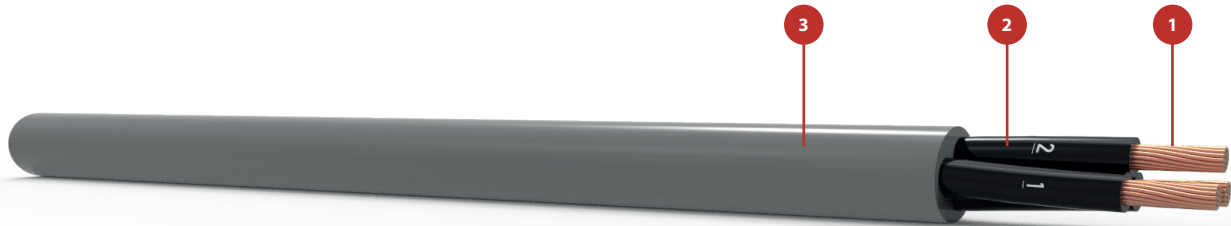
ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURD
CABLES

UTILITIES



USO GRAVOSO
HEAVY USE



RESISTENTE AGLI OLI
OIL RESISTANCE

IMPIEGO APPROPRIATO / APPROPRIATE USE

Impiegato per il trasporto di energia e per segnalamento e comando, dentro tubi e canaline protette.

Guaina esterna in Poliuretano, adatto per impieghi gravosi. Non è ammessa la posa interrata.

Suitable for signalling and control, installed inside proper pipes and protected ducts. Polyurethane outer sheath for heavy use. Buried laying is not allowed.

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo Type of cable	YSL11Y JZ/OZ	
	Tensione nominale Nominal Voltage	U ₀ /U 300/500 V	
1	Conduttore Core	Flessibile di rame rosso ricotto classe 5 Class 5 flexible annealed red copper	EN 60228
2	Isolamento Insulation	PVC tipo T12 special PVC T12 special type	EN 50363
3	Guaina Sheath	Mescola PUR tipo TPU colore grigio RAL 7001 (resistente agli oli TM54) TPU PUR compound grey colour RAL 7001 (Oil Resistance TM54)	EN 50363
	Campo di temperatura Temperature range	Posa fissa: da -40°C a +80°C, posa mobile: da -5°C a +70°C Fixed laying: from -40°C to +80°C, mobile laying: from -5°C to +70°C	
	Temperatura massima di corto circuito Maximum short circuit temperature	150°C	
	Tensione di prova Testing voltage	4000V AC	
	Raggio minimo di curvatura Minimum banding radius	Posa fissa: 4 x diametro esterno - Posa mobile: 12,5 x diametro esterno Fixed laying: 4 x external diameter - Mobile laying: 12,5 x external diameter	
	Imballo Package	Matasse mt.100 in termoretraibile - Bobine 100 m thermo-shrinking material coils - Drums	

NORME RIF. GENERALI / GENERAL REFERENCE

EN 50525-1

IDENTIFICAZIONE CONDUTTORI / CORE IDENTIFICATION

Nere numerate bianche (EN 50334). JZ: con Giallo/Verde; OZ: senza Giallo/Verde

Black cores numbered in white (EN 50334). JZ: with Yellow/Green; OZ: no Yellow/Green

YSL11Y JZ/OZ 300/500V

CROSS- SECTION 0.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.5	4.8	32	10
3 x 0.5	5.1	39	15
4 x 0.5	5.7	50	19.2
5 x 0.5	6.2	59	24
7 x 0.5	6.7	73	34
10 x 0.5	8.6	109	48
12 x 0.5	8.9	125	57.2
18 x 0.5	10.5	180	87
25 x 0.5	12.4	250	120

CROSS- SECTION 0.75 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 0.75	5.4	41	14.4
3 x 0.75	5.7	51	21.6
4 x 0.75	6.2	62	28.8
5 x 0.75	6.7	74	36.0
7 x 0.75	7.3	97	50
10 x 0.75	9.6	142	72
12 x 0.75	9.9	163	86.4
18 x 0.75	11.7	234	129.6
25 x 0.75	13.8	324	180.0

CROSS- SECTION 1 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1	5.7	48	19.2
3 x 1	6	61	28.8
4 x 1	6.5	74	38.4
5 x 1	7.1	89	48
7 x 1	8	120	67
10 x 1	10.2	171	96
12 x 1	10.5	197	115
18 x 1	12.7	289	173
25 x 1	14.7	393	240

CROSS- SECTION 1.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
2 x 1.5	6.3	63	29
3 x 1.5	6.7	79	43
4 x 1.5	7.2	98	58
5 x 1.5	8.1	121	72
7 x 1.5	8.9	159	101
12 x 1.5	12	268	173
18 x 1.5	13.4	392	259.5
25 x 1.5	16.9	541	360.0

CROSS- SECTION 2.5 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
3 x 2.5	8.1	132	72
4 x 2.5	8.9	163	96
5 x 2.5	10.0	200	120
7 x 2.5	11.1	267	168
12 x 2.5	14.8	445	288

CROSS- SECTION 4 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 4	10.8	237	154
5 x 4	12.1	291	192
7 x 4	13.4	391	269

MULTISTANDARD CABLES

CONTROL CABLES

DATA CABLES

ENERGY CABLES

SPECIAL CABLES

SHIELDED CABLES

ARMOURED CABLES

UTILITIES

YSL11Y JZ/OZ 300/500V

MULTISTANDARD
CABLES

CROSS- SECTION 6 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 6	13.0	327	230.4
5 x 6	14.5	424	288
7 x 6	16.0	580	403

CROSS- SECTION 10 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 10	16.2	567	384.0
5 x 10	18.1	695	480.0
7 x 10	20.0	937	672.0

CONTROL
CABLES

CROSS- SECTION 16 smm			
Construction	Approximate external diameter	Approximate cable weight	Copper weight
n x mm ²	mm	kg/km	kg/km
4 x 16	18.8	1064	614.4

DATA
CABLES

ENERGY
CABLES

SPECIAL
CABLES

SHIELDED
CABLES

ARMOURED
CABLES

UTILITIES