

# HSLCH JZ/OZ 300/500V Dca

CPR Class



DOP Number



MULTISTANDARD  
CABLES

CONTROL  
CABLES

DATA  
CABLES

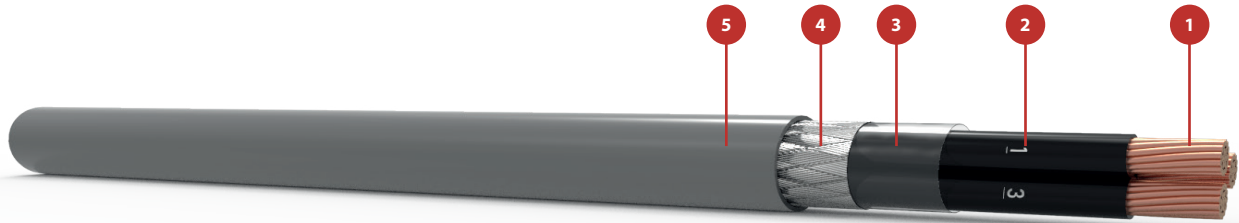
ENERGY  
CABLES

SPECIAL  
CABLES

SHIELDED  
CABLES

ARMOURED  
CABLES

UTILITIES



PRIVO DI ALOGENI  
HALOGEN FREE



SCHERMATO  
NO INTERFERENCE

## IMPIEGO APPROPRIATO / APPROPRIATE USE

Impiegato in luoghi pubblici, aeroporti e stazioni ferroviarie in totale assenza di disturbi elettromagnetici. Senza alogeni e a bassa emissione di fumi.  
*Suitable for public places, airports and railways stations in total absence of electromagnetic interferences. Halogen free cable with low smoke emission.*

	CARATTERISTICHE/ CHARACTERISTICS	DESCRIZIONE/ DESCRIPTION	NORME/ REFERENCE
	Tipo di cavo <i>Type of cable</i>	HSLCH JZ/OZ	
	Tensione nominale <i>Nominal Voltage</i>	Uo/U 300/500V	
1	Conduttore <i>Core</i>	Flessibile di rame rosso ricotto classe 5 <i>Class 5 flexible annealed red copper</i>	EN 60228
2	Isolamento <i>Insulation</i>	Termoplastica tipo Tl6 <i>Thermoplastic Tl6 special type</i>	EN 50363
3	Antimigrante <i>Antimigrating</i>	Nastrino in PET <i>PET tape</i>	
4	Schermo <i>Screening</i>	Schermo a treccia di fili di rame stagnato <i>Screening braid of tinned copper wires</i>	
5	Guaina <i>Sheath</i>	Termoplastica TM7, colore grigio RAL 7001 <i>Thermoplastic TM7, grey colour RAL 7001</i>	EN 50363
	Campo di temperatura <i>Temperature range</i>	Posa fissa: da -40°C a +80°C, posa mobile: da -30°C a +70°C <i>Fixed laying: from -40°C to +80°C, mobile laying: from -30°C to +70°C</i>	
	Temperatura massima di corto circuito <i>Maximum short circuit temperature</i>	150°C	
	Tensione di prova <i>Testing voltage</i>	Conduttore/conduttore: 4000 V AC Conduttore/schermo: 2000 V AC <i>Conductor/conductor: 4000 V AC Conductor/shield: 2000 V AC</i>	
	Raggio minimo di curvatura <i>Minimum banding radius</i>	Posa fissa: 6 x diametro esterno - Posa mobile: 15 x diametro esterno <i>Fixed laying: 6 x external diameter - Mobile laying: 15 x external diameter</i>	
	Imballo <i>Package</i>	Matasse mt.100 in termoretraibile - Bobine <i>100 m thermo-shrinking material coils - Drums</i>	

## NORME RIF. GENERALI / GENERAL REFERENCE

EN 50525-2-1, EN 50525-3-11, EN 50575:2014 + EN 50575/A1:2016

## 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*

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Sezione 0.5 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 0.5	5.7	46	35.0
3 x 0.5	5.9	56	42.0
4 x 0.5	6.4	62	47.0
5 x 0.5	6.9	75	56.0
7 x 0.5	7.6	98	69.0
12 x 0.5	9.7	158	108.0
18 x 0.5	11.5	216	145.0
25 x 0.5	13.7	315	240.0

Sezione 0.75 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 0.75	6.1	60	40.0
3 x 0.75	6.3	68	52.0
4 x 0.75	6.8	78	60.0
5 x 0.75	7.4	95	71.0
7 x 0.75	8.2	130	91.0
12 x 0.75	10.5	203	142.0
18 x 0.75	12.7	290	212.0
25 x 0.75	15.0	413	281.0

Sezione 1 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 1	6.4	66	50.0
3 x 1	6.7	80	60.0
4 x 1	7.2	100	71.0
5 x 1	8.0	130	88.0
7 x 1	8.7	160	111.0
12 x 1	11.4	260	184.0
18 x 1	13.6	382	260.0
25 x 1	16.2	540	349.0

Sezione 1.5 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 1.5	7.0	88	63.0
3 x 1.5	7.4	100	80.0
4 x 1.5	8.1	125	97.0
5 x 1.5	9.0	158	119.0
7 x 1.5	9.8	210	147.0
12 x 1.5	12.8	340	267.0
18 x 1.5	15.6	480	374.0
25 x 1.5	18.4	702	526.0

Sezione 2.5 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 2.5	8.4	132	96.0
3 x 2.5	8.8	168	144.0
4 x 2.5	9.8	195	148.0
5 x 2.5	10.8	222	181.0
7 x 2.5	11.9	345	255.0
12 x 2.5	15.8	572	441.0

Sezione 4 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 4	10.0	184	120.0
3 x 4	10.6	238	174.0
4 x 4	11.6	305	230.0
5 x 4	12.8	388	273.0
7 x 4	14.2	504	316.0

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Sezione 6 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 6	11.7	270	173.0
3 x 6	12.5	328	240.0
4 x 6	13.8	416	305.0
5 x 6	15.4	510	439.0
7 x 6	17.0	670	505.0

Sezione 10 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
2 x 10	14.5	420	255.0
3 x 10	15.6	495	350.0
4 x 10	17.2	785	535.0
5 x 10	19.1	855	592.0
7 x 10	21.2	1308	810.0

Sezione 16 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
4 x 16	20.3	882	740.0
5 x 16	22.2	1293	895.0
7 x 16	24.8	2149	1282.0

Sezione 25 mm <sup>2</sup>			
Formazione Construction	Diametro esterno indicativo Approximate external diameter	Peso indicativo cavo Approximate cable weight	Peso Rame Copper weight
n x mm <sup>2</sup>	mm	kg/km	kg/km
3 x 25	22.5	1432	1070.0
4 x 25	25.0	1911	1140.0
5 x 25	27.5	2414	1380.0