



## JSL HF Cable Truncking and Conduits Datasheet

DESIGNAÇÃO/ DENOMINATION	Halogen Free Cable truncking and conduits for electrical installations							
REFERÊNCIAS / REFERENCES	Refª 20x12.5; Refª 20x20; Refª 40x17; Refª 40x40; Refª 60x40							
CORES DISPONÍVEIS / AVAIALABLE COLORS	PRETO/ BLACK	CREME/ CREAM	CINZA/ GREY	NATURAL/ NATURAL	VERDE/ GREEN	AMARELO/ YELLOW	AZUL/ BLUE	BRANCO/ WHITE
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CÓDIGOS/ CODES:	CÓDIGO DE BARRAS/ BAR CODE				CÓDIGO BAAN/ BAAN CODE:			

### CARACTERÍSTICAS DO PRODUTO / PRODUCT PROPERTIES

- All sizes and conduits references have accessories and proper fittings ; External angle, Plane angle, Inner angle, T derivation , Junction and Terminal end cap as also surface mounting box for European (80x80) appliances.
- All the accessories are equipped with anchoring ribbs and supplied with the same conduit color ( Black or White)
- Halogen Free conduits According EN 60754-1:2014, EN 60754-2:2014 and EN 60754-2 :2014/ A1 :2020;
- Low smoke raw material According IEC 61034-1:2005; IEC 61034-2:2005; EN 61034-1: 2005 and EN 61034-2:
- Supplied in 2 meters long units
- Good resistance to aging and UVs
- White color RAL
  
- Raw material complying with railways requirements : EN 45545-2:2013+A1:2015 Railway applications – Fire protection on railway vehicles and Part 2: Requirements for fire behavior of materials and components

### CARACTERÍSTICAS TÉCNICAS/ TECHNICAL SPECIFICATIONS

Fixation means	Without fixation means with exception of the self adhesive references	Electrical properties	With very good electrical insulation
Raw material	Halogen Free blend, Lead free with very good UV resistance	Temperature range of use:	-15°C - +60°C
Shock resistance IK	07 ( 2 Joules hammer shock)	Others	Low smoke, Halogen Free
Protection Index	IP41	Flame retardancy	Flame retardant

**ANNEXX WITH DIMENSIONS AND CABLE CAPACITY ACCORDING EN 50085-1:2005-Paragraph 6 on page 2**

### NORMAS APLICÁVEIS / APPLICABLE NORMS:

NFC 68 104 - EN 60529 - EN 50085-1:2005 - EN 50102; EN 60754-1:2014, EN 60754-2:2014 and EN 60754-2 :2014/ A1 :2020 ; IEC 61034-1:2005; IEC 61034-2:2005; EN 61034-1: 2005 and EN 61034-2; EN 45545-2:2013+A1:2015

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ANNEX WITH DIMENSIONS, CABLE CAPACITY AND CLASSIFICATION ACCORDING EN 50085-1:2005-Paragraph 6

Point	Description	2020B; 2012.5	2517	4017 6040
6.2	Resistance to impact	2 J	2 J	2 J
6.3	Minimum storage and transport temperature	(-15°C)	(-15°C)	(-15°C)
	Minimum installation and application temperature	(-15°C)	(-15°C)	(-15°C)
	Maximum application temperature	(60°C)	(60°C)	(60°C)
6.4	Resistance to flame retardant	Non-flame propagating	Non-flame propagating	Non-flame propagating
6.5	electrical continuity characteristic	Without electrical continuity characteristic	Without electrical continuity characteristic	Without electrical continuity characteristic
6.6	electrical insulation characteristic	With electrical insulation characteristic	With electrical insulation characteristic	With electrical insulation characteristic
6.7.1	protection against ingress of solid foreign objects	IP4X	IP4X	IP4X
6.7.2	protection against ingress of water	IPX1	IPX1	IPX1
6.8	Protection against corrosive or polluting substances	With high protection outside and inside	With high protection outside and inside	With high protection outside and inside
6.9	Access cover retention	—	—	—
6.10	Electrically protective separation	Without internal protective partition	Without internal protective partition	With internal protective partition

Dimensions and cable capacities

Ref.	Dim. Ext. (mm)	Dim. Int. (mm)	Area (S)mm <sup>2</sup>	Area (S):1.2(mm) <sup>2</sup>	Area Max.	N° Max Cab. 1,5 mm	N° Max Cab. 2,5 mm	N° Max Cab. 4 mm	N° Max Cab. 6 mm	N° UTP CAT5e Cab.	N° UTP CAT6e Cab.	N° RG-6 Coax Cab.
20125 LH	20x12,5	18x10,5	189	125	10	10	8	5	4	3	2	2
2020 LH	20x20	18x17,5	315	205	17	21	15	11	6	6	5	5
4017 LH	40x17	2x16x15	570	370	15	32	22	19	10	10	9	6
4040 LH	40x40	39x38	1.482	963	38	96	66	50	30	30	24	22
6040 LH	60x40	57x38	2.166	1.408	38	138	90	72	44	44	40	38