



Material

Item		
1	Conductor	Stranded, annealed copper wires, class 5 IEC 60228.
2	Insulation	Flame retardant Polyolefin, red and white
3	Shield	AL/PET Foil and annealed aluminium wires (6mm ² and smaller) or copper wires (10 and 16mm ²)
4	Jacket	Halogen Free, black Polyolefin, UV resistant

Printing: Rosenberger SL2CXXMM2FRNC-S-BK-R **CE** "CPR rating" "lot number" "length [m]"
 "XX" see table below

Electrical data and dimension

Part number	SL2C1.5MM2 FRNC-S-BK-R	SL2C2.5MM2 FRNC-S-BK-R	SL2C4MM2 FRNC-S-BK-R	SL2C6MM2 FRNC-S-BK-R
Weight [kg/km]	72	91	124	160
Conductor DC resistance [Ω/km]	13,3	7,98	4,95	3,30
Shield DC resistance [Ω/km]	13,3	7,98	4,95	4,95
Conductor size [mm ²]	1,5	2,5	4	6
Shield size [mm ²]	1,5*	2,5*	4*	6*
Insulation thickness [mm]	0,51	0,51	0,51	0,51
Jacket diameter [mm]	6,9	8,1	8,5	9,8
CPR rating EN 50575	Dca	B2ca-s1,d1,a1		

Part number	SL2C10MM2 FRNC-S-BK-R	SL2C16MM2 FRNC-S-BK-R	SL2C25MM2 FRNC-S-BK-R	SL2C35MM2 FRNC-S-BK-R
Weight [kg/km]	315	475	861	1061
Conductor DC resistance [Ω/km]	1,91	1,21	0,78	0,55
Shield DC resistance [Ω/km]	1,91	1,21	1,21	1,21
Conductor size [mm ²]	10	16	25	35
Shield size [mm ²]	10	16	16	16
Insulation thickness [mm]	0,51	0,56	0,56	0,56
Jacket diameter [mm]	11,6	13,8	17,2	22,3
	B2ca-s1,d1,a1			

*aluminium wires

Rated Voltage max 600 V
 Inductance 0,6 µH/m

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RF_35/05.10/6.0

Mechanical data

Min. bending radius 5x Outer diameter

Environmental data

Temperature range	- 40 °C to + 90 °C
UV resistance / Sunlight resistant	acc. to UL 1581, 1200
Fire classification	IEC 60332-3-24 (cat C), UL1685 Vertical Tray
CE Low voltage directive	compliant
RoHS (2011/65/EC)	compliant
Halogen free	

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U. Ferraz	26.02.19	U. Ferraz	23.11.23	901	23-RL060	H. Schnitzer	23.11.23
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