



Material

Item		
1	Conductor	Stranded, annealed copper wires, class 5 IEC 60228.
2	Insulation	Flame retardant Polyolefin, blue and light-grey/white
3	Shield	AL/PET Foil and annealed aluminium wires
4	Jacket	Halogen Free, black Polyolefin, UV resistant

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

Electrical data and dimension

Part number	SL2C4MM2 FRNC-S-BK-N	SL2C6MM2 FRNC-S-BK-N	SL2C10MM2F RNC-S-BK-N	SL2C16MM2F RNC-S-BK-N	SL2C25MM2F RNC-S-BK-N	SL2C35MM2F RNC-S-BK-N
Weight [kg/km]	124	160	237	346	731	931
Conductor DC resistance [Ω /km]	4,95	3,30	1,91	1,21	0,78	0,55
Shield DC resistance [Ω /km]	4,95	4,95	4,95	4,95	4,95	4,95
Conductor size [mm ²]	4	6	10	16	25	35
Insulation thickness [mm]	0,51	0,51	0,51	0,56	0,56	0,56
Jacket diameter [mm]	8,6	9,4	10,7	12,5	16,4	17,6
CPR rating	Dca s2 d2 a2			B2ca s1a d2 a1		

Rated Voltage max 600 V
 Max. resistance (shield) 4.95 Ω /km
 Inductance 0,6 μ H/m

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)
 CE compliant
 UK compliant
 RoHS (2011/65/EC) compliant
 Halogen free

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
U. Ferraz	26.02.19	J. Gramsamer	10.02.23	J00	23-RL004	H. Schnitzer	10.02.23

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