



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	170	258	385	579	832
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	9,8	11,8	14,4	16,5	20,1
CPR rating acc. to EN 50575	Dca s2 d2 a2		B2ca-s1,d1,a1			

Part number	SL2C50MM2 FRNC-S-BK-N
Weight [kg/km]	1195
Conductor DC resistance [Ω /km]	0,39
Shield DC resistance [Ω /km]	4,95
Conductor size [mm ²]	50
Insulation thickness [mm]	0,56
Jacket diameter [mm]	25,6
CPR rating acc. to EN 50575	B2ca-s1,d1,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
CA 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	19.04.24	J00	24-RL023	H. Schnitzer	19.04.24

Rosenberger Hochfrequenztechnik GmbH & Co. KG P.O.Box 1260 D-84526 Tittmoning Germany www.rosenberger.de				Tel. : +49 8684 18-0 Email : info@rosenberger.de		Page 1 / 1	
--	--	--	--	--	--	---------------	--