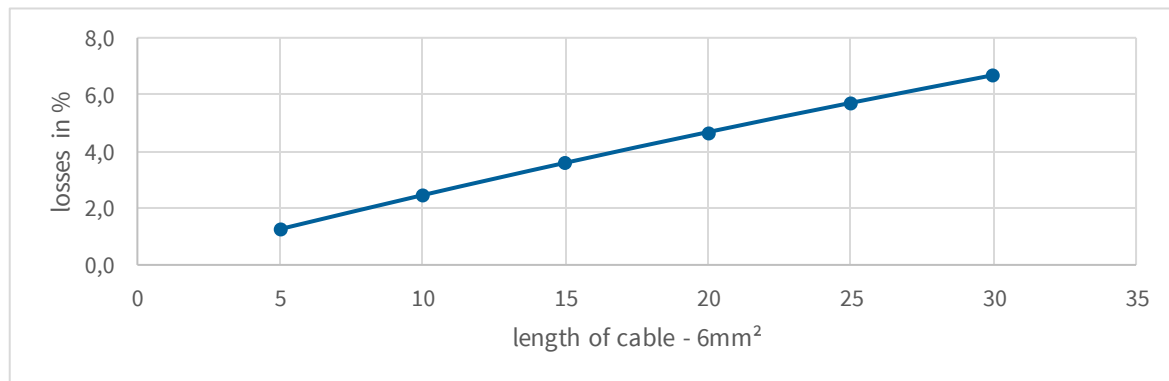


Losses depending on the photovoltaic cable length

6mm² Cable

Cable length in meters	Losses in %	Resistance in ohms	Voltage drop on cable in volts	Power drop on cable in watts
5	1,3	0,03	0,43	6,31
10	2,5	0,06	0,86	12,29
15	3,6	0,09	1,27	17,99
20	4,7	0,12	1,67	23,39
25	5,7	0,15	2,06	28,54
30	6,7	0,18	2,44	33,43

Table 1: Losses depending on cable length - 6mm² cable



4mm² Cable

Cable length in meters	Losses in %	Resistance in ohms	Voltage drop on cable in volts	Power drop on cable in watts
5	1,9	0,045	0,65	9,34
10	3,6	0,089	1,27	17,99
15	5,2	0,134	1,87	26,00
20	6,7	0,179	2,44	33,43
25	8,1	0,223	3,00	40,32
30	9,3	0,268	3,54	46,72

Table 2: Losses depending on cable length - 4mm² cable

