

## 300/500 V

### HALOJEN FREE AND FLAME RETARDANT FLEXIBLE MULTICORE WITH COPPER CONDUCTOR CABLES


**052XZ1-F**

<b>Code</b>	052XZ1-F (TSE)
<b>Standarts</b>	DIN VDE 0250-214, TS 13751
<b>Construction</b>	Flexible Copper Conductor, HFFR Insulation, HFFR filler , HFFR Outer Sheath
<b>Application</b>	Used in energy networks in hotels,schools, high constructions,hospitals, power plants,data processing centers, business centers where there is a risk of fire..
<b>Technical Datas</b>	Max. operating temperature 90 °C Max. short circuit temperature 250 °C Min. Bending radius 6*D D: Cable overall Dia. (mm)

Dimensions and Weights				Electrical Information	
Nominal cross-section	Overall Diameter	Net Weight	Standart delivery lenght	Conductor DC (maks.) resistance at 20 °C	Current carrying capacity in
					Air (A)
mm <sup>2</sup>	mm	kg/km	m	ohm/km	
2x0.75	6,0	80	100	26,0	14
2x1	6,5	90	100	19,5	17
2x1.5	8,0	105	100	13,3	22
2x2.5	9,0	135	100	7,98	30
2x4	11,0	200	100	4,95	40
2x6	12,0	250	100	3,30	50
2x10	15,0	400	1000	1,91	70
2x16	17,5	550	1000	1,21	93
2x25	21,0	780	1000	0,780	108
2x35	23,0	1050	1000	0,554	135
3x0.75	6,5	90	100	26,0	14
3x1	7,0	100	100	19,5	17
3x1.5	8,5	120	100	13,3	22
3x2.5	9,5	160	100	7,98	30
3x4	11,5	235	100	4,95	40
3x6	13,0	310	100	3,30	50
3x10	16,0	510	1000	1,91	70
3x16	18,0	660	1000	1,21	93
3x25	22,0	1050	1000	0,780	108
3x35	24,5	1400	1000	0,554	135
4x0.75	7,0	100	100	26,0	12
4x1	7,5	120	100	19,5	15
4x1.5	9,0	140	100	13,3	18
4x2.5	10,5	190	100	7,98	24
4x4	13,0	300	100	4,95	32
4x6	15,0	420	100	3,30	42
4x10	17,5	610	1000	1,91	60
4x16	21,0	850	1000	1,21	80
4x25	24,0	1275	1000	0,780	100
4x35	27,0	1670	1000	0,554	124
5x0.75	8,0	130	100	26,0	12
5x1	8,5	150	100	19,5	15
5x1.5	10,0	190	1000	13,3	18
5x2.5	11,0	265	1000	7,98	24
5x4	14,0	410	1000	4,95	32