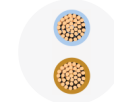
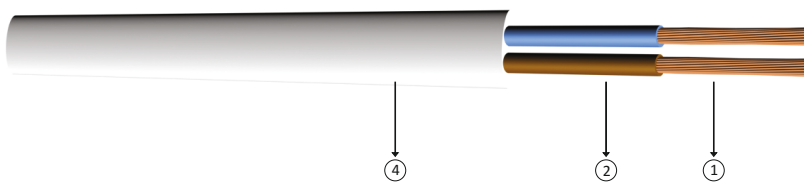


# 300/300V and 300/500V halogen free, flame retardant, multi core cables with copper conductor



Code: H05Z1Z1-F

F: Fine stranded conductor

Standards: EN 50525-3-11

### Technical Data

Max. operating temperature : 70 °C  
 Max. short circuit temperature : 160 °C (max. 5 sec.)  
 Rated voltage : 300/300 V  
 300/500 V  
 D : Cable outer diameter

### Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plant, data processing centers, business centers where there is a risk of fire.

### Construction

- 1 Flexible copper conductor
- 2 HFFR insulation
- 3 HFFR outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)
mm <sup>2</sup>	mm	kg/km	m	ohm/km	In air at 30 °C
2x0,5	5.0	40	100	39.0	11
2x0,75	6.2	55	100	26.0	13
2x1,0	6.6	70	100	19.5	15
2x1,5	7.6	90	100	13.3	20
2x2,5	9.2	140	100	7.98	26
2x4	10.6	210	100	4.95	33
3x0,5	5.3	50	100	39.0	11
3x0,75	6.5	75	100	26.0	13
3x1,0	7.2	80	100	19.5	15
3x1,5	8.5	115	100	13.3	20
3x2,5	9.9	190	100	7.98	26
3x4	12.3	265	100	4.95	33
4x0,5	5.8	65	100	39.0	11
4x0,75	7.1	90	100	26.0	13
4x1,0	7.8	105	100	19.5	15
4x1,5	9.2	145	100	13.3	20
4x2,5	10.9	215	100	7.98	26
4x4	13.4	350	100	4.95	33
5x0,5	6.3	80	100	39.0	11
5x0,75	8.0	120	100	26.0	13
5x1,0	8.6	135	100	19.5	15
5x1,5	10.3	180	100	13.3	20
5x2,5	12.1	270	100	7.98	26
5x4	14.1	390	100	4.95	33