



HALOGEN FREE FLAME RETARDANT CABLES

H05Z1Z1-F

CONSTRUCTION

- 1 Copper conductor (class 5)
- 2 LSZH insulation
- 3 LSZH outer sheath



SPECIFICATIONS

Code : H05Z1Z1-F
Standards : HD 21.14
Rated Voltage : U₀/U=300/500 V

Application :
Used in places which are subject to fire danger such as hotels, hospitals, shopping centers, power plants, information technology centers and in places where human groups are carried by railway systems and also where valuable equipments are kept. These cables do not conduct flame during fire, do not create high smoke density, do not create corrosive ambients and therefore provides increased protection.



Temperature Range



Max. Operating Temperature



Short Circuit Temperature



Flame Retardant IEC 60332 -1-2



Flame Retardant IEC 60332 -3-24 Cat.C



Halogen Free IEC 60754-1/2



Low Smoke Emission IEC 61034-1/2



Min. Bending Radius



RoHS

PHYSICAL AND ELECTRICAL PROPERTIES

Nominal cross-section	Overall diameter approx.	Net weight approx.	Delivery length	Conductor DC resistance at 20°C	Current carrying capacity in (30C)
mm ²	mm	kg/km	m	Ω / km (max.)	A
2x0.75	6,3	56	100	26.0	6
2x1	6,6	64	100	19.5	10
2x1.5	7,5	85	100	13.3	16
2x2.5	9,3	133	100	7.98	25
2x4	10,5	180	100	4.95	32
2x6	11,6	240	100	3.3	61
3x0.75	6,7	67	100	26.0	6
3x1	7	76	100	19.5	10
3x1.5	8,2	108	100	13.3	16
3x2.5	10	168	100	7.98	25
3x4	11,4	230	100	4.95	32
3x6	12,5	306	100	3.3	61
4x0.75	7,5	87	100	26.0	6
4x1	8	101	100	19.5	10
4x1.5	9	136	100	13.3	16
4x2.5	11	205	100	7.98	25
4x4	12,5	282	1000	4.95	32
4x6	14	400	1000	3.3	61
5x1.5	10	168	100	13.3	16
5x2.5	12,2	255	100	7.98	25