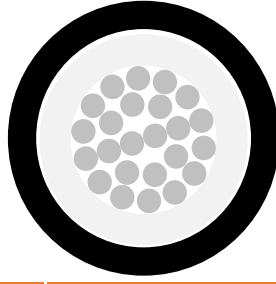


H1Z2Z2-K



Application

- Used in energy networks in hotels, schools, tunnels, high constructions, hospitals, power plants, data processing centers, business centers where there is a risk of fire.
- In places where human life, valuable materials and equipments need to be protected.

Cable Construction

- 1 - Conductor : Stranded electrolytic tinned copper conductor (Class 5) (IEC 60228, DIN VDE 0295, EN 60228)
- 2 - Insulation : Cross-linked (XL) HFFR (EN 60811, EN 60216-1-2)
- 3 - Outer Jacket : Cross-linked (XL) HFFR outer jacket. RAL 9005 (Black) or RAL 3000 (Red)

Technical Characteristics

Cross Section	Conductor Resistance Ω/km (20 °C)	Operating Voltage V DC	Test Voltage V DC (1 minute)
1.50 mm ²	13.70	300/500	1500
2.50 mm ²	8.21	300/500	1500
4.00 mm ²	5.09	300/500	1500
6.00 mm ²	3.39	300/500	1500
10.00 mm ²	1.95	300/500	1500
16.00 mm ²	1.24	300/500	1500
25.00 mm ²	0.80	300/500	1500
35.00 mm ²	0.57	300/500	1500

Mechanical Characteristics

Bending Radius	Temperature Range Operating
8xD mm	-40°C ~ +90°C

Standards

Smoke Density Test	Corrosive Gas Test	Halogen-free Test	Flame Retardancy Test	Flame Propagation Test
IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2	IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3	IEC 60754-1, VDE 0482-267-2-1, EN 50267-2-1, BS EN 50267-2-1	IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2	IEC 60332-3-24, VDE 0482-332-3-24, BS EN 60332-3-24

Notes:

Standard: EN 50618

H1Z2Z2-K

Part Number	Conductor Count	Conductor Cross-Section (mm ²)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
3.67S0.X3.0.0.X3 0.S5L.1-EN	1	1.50	4.5	12.8	36	500/1000
3.67S0.X3.0.0.X3 0.S5N.1-EN	1	2.50	5	21.2	48	500/1000
3.67S0.X3.0.0.X3 0.S5O.1-EN	1	4.00	5.5	34	64	500/1000
3.67S0.X3.0.0.X3 0.S5P.1-EN	1	6.00	6	50.9	83	500/1000
3.67S0.X3.0.0.X3 0.S5Q.1-EN	1	10.00	7	88.1	127	500/1000
3.67S0.X3.0.0.X3 0.S5R.1-EN	1	16.00	8.2	138.8	188	500/1000
3.67S0.X3.0.0.X3 0.S5S.1-EN	1	25.00	10.5	211.3	287	500/1000
3.67S0.X3.0.0.X3 0.S5T.1-EN	1	35.00	12.1	304.3	395	500/1000