

LSZH INSULATED NON SHEATHED SINGLE CORE WIRE / CABLE (H07Z-R) AS PER BS EN 50525-3-41

APPLICATION

These type of wires / cables are designed for applications requiring low smoke, zero halogen properties. Ideal for building wiring, industrial installations, public transport hubs, data centers and hazardous environments, ensuring safety with minimal smoke emissions in case of fire.

CONSTRUCTION

Conductor:	Stranded (Class 2) Annealed Plain Copper Conductor to EN 60228
Insulation:	Zero Halogen Cross-linked compound of Type EI 5 to EN 50363-5
Insulation Colour:	Red, Yellow, Blue , Black , Green / Yellow & Other Colour Available as per Requirement
Printing Text (Example):	TEKAB SIZE H07Z-R 450/750 V BS EN 50525-3-41 MADE IN UAE



TECHNICAL DATA

Operating Temperature:	During Normal Operation - 90°C During Short Circuit Condition - 160°C
Voltage Rating:	450/750 V
Flame Retardant:	IEC 60332-1-2 (upon request)
Halogen Acid Gas Emission:	Max. 0.5% (IEC 60754-1)

SERIAL NO.	TEKAB CODE	NO. OF CORES X CONDUCTOR SIZE (NO. X Sq.mm.)	NO. OF STRANDS	NOMINAL INSULATION THICKNESS (mm)	APPROX. OVERALL DIA. (mm)	APPROX. WEIGHT (kg/km)
1	H07Z-R	1C X 1.5	7	0.7	3.1	22
2	H07Z-R	1C X 2.5	7	0.8	3.7	34
3	H07Z-R	1C X 4	7	0.8	4.2	51
4	H07Z-R	1C X 6	7	0.8	4.8	75
5	H07Z-R	1C X 10	7	1.0	6.1	120
6	H07Z-R	1C X 16	7	1.0	7.2	180
7	H07Z-R	1C X 25	7	1.2	8.9	285
8	H07Z-R	1C X 35	7	1.2	10.1	380
9	H07Z-R	1C X 50	19	1.4	11.8	510
10	H07Z-R	1C X 70	19	1.4	13.6	720

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11	H07Z-R	1C X 95	19	1.6	16.0	1000
12	H07Z-R	1C X 120	37	1.6	17.6	1240
13	H07Z-R	1C X 150	37	1.8	19.5	1525
14	H07Z-R	1C X 185	37	2.0	21.8	1915
15	H07Z-R	1C X 240	37	2.2	24.8	2500
16	H07Z-R	1C X 300	61	2.4	27.6	3100
17	H07Z-R	1C X 400	61	2.6	31.0	3950
18	H07Z-R	1C X 500	61	2.8	34.5	4950
19	H07Z-R	1C X 630	91	2.8	38.7	6400

Packing: Packing is available in Coil/Reel/Drum with meters/Yards/Feet.

