

H05Z-U / H07Z-U LSZH Cable



APPLICATION

Single core rubber insulated H05Z and H07Z cable with solid copper conductor for internal installations in dry, clean environments requiring a rated voltage of 300/500V or 450/750V.

CHARACTERISTICS

Voltage Rating U₀/U

H05Z-U: 300/500V

H07Z-U: 450/750V

Operating Temperature

Maximum conductor operating temperature: 90°C

Maximum conductor short-circuit temperature: 250°C

Minimum installation temperature: 5°C

STANDARDS

EN 50525-1, 50525-3-41, IEC/EN 60228, IEC 60245-2, DIN VDE 0282-1/9/300, DIN VDE 0295, VDE 0298-4, EN 50395, EN 50396, HD 22.1/9, HD 308, HD 383, HD 516

Flame Retardant to IEC/EN 60332-1-2

Low Smoke Zero Halogen to IEC/EN 60754-1/2 and IEC/EN 61034-1/2

CONSTRUCTION

Conductor

Class 1 solid Copper

Insulation

LSZH (Low Smoke Zero Halogen)

Insulation Colour

Red Black Blue Orange White Yellow

Green/Yellow Grey Brown Violet Pink

THE CABLE TEST

We have world-class testing facility, and made rigorous testing regime, every meter of cable before leaving the factory must go through strict testing, testing qualified products will be shipped to customers, effectively ensure product quality and meet customer requirements.

SUSTAINABILITY COMMITMENT

Guowang Cable actively implements the "carbon reduction" goal, strives to promote the green's low-carbon transformation, strengthens energy-saving and emission reduction technology innovation, and promotes the company's healthy and sustainable development.

DIMENSIONS

H05Z-U

NOMINAL CROSS SECTIONAL AREA	MINIMUM OVERALL DIAMETER	MAXIMUM OVERALL DIAMETER	NOMINAL CABLE WEIGHT
mm2	mm	mm	kg/km
0.5	1.9	2.4	7.1
0.75	2.1	2.6	9.7
1	2.2	2.8	12.1

H07Z-U

NOMINAL CROSS SECTIONAL AREA	MINIMUM OVERALL DIAMETER	MAXIMUM OVERALL DIAMETER	NOMINAL CABLE WEIGHT
mm2	mm	mm	kg/km
1.5	2.6	3.3	18
2.5	3.2	4	29
4	3.6	4.6	44
6	4.1	5.2	62
10	5.3	6.6	103

COLOUR CODES

COLOUR	Black	Blue	Grey	Green/Yellow	Orange	Red	Pink	Yellow	Violet	Brown	White
CODE	BK	BL	GR	GY	OR	RD	PK	YW	VI	BR	WH