



➤ APPLICATION

Cables H05Z and H07Z, single-core, with rubber insulation and solid copper conductor, for indoor installations in dry and clean environments requiring a rated voltage of 300/500 V or 450/750 V.

➤ 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

➤ CHARACTERISTICS

Voltage Rating

H05Z-U: 300/500 V

H07Z-U: 450/750 V

Temperature Rating

Maximum conductor operating temperature: 90° C

Maximum conductor short-circuit temperature: 250° C

Minimum installation temperature: 5° C

➤ CABLE LABORATORY

We have state-of-the-art laboratory facilities and cutting-edge testing equipment, supported by a strict quality control protocol throughout the entire production process. Every production batch undergoes comprehensive technical tests prior to shipment. Only products that meet the most stringent quality standards are approved for distribution. This ensures our products deliver outstanding stability, reliability and durability, fully complying with customers' technical specifications and requirements.

➤ CONSTRUCTION

Conductor

Class 1 solid Copper

Insulation

LSZH (Low Smoke Zero Halogen)

➤ DEDICATION TO SUSTAINABILITY

At CJDL Cable, we are fully committed to ecological transition and environmental protection. We actively push forward decarbonization goals, steadily moving toward a zero-emission business model.

To this end, we keep pursuing technological innovation to improve energy efficiency and cut pollutant emissions. Meanwhile, we optimize manufacturing processes to reduce environmental impact, securing sound, responsible and sustainable long-term growth for the company.

DIMENSIONS

H05Z-U

NOMINAL CROSS SECTIONAL AREA mm ²	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL CABLE WEIGHT 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 mm ²	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL CABLE WEIGHT 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

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.