ELAND® CABLES

H07Z-U Cable

Eland Product Group: **B1Z**

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
450/750V

Temperature Rating
Maximum conductor operating temperature: 90°C
Maximum conductor short-circuit temperature: 250°C
Minimum installation temperature: 5°C

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

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

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

UKAS ISO/IEC 17025 Testing laboratory accreditation	bsi. ISO 9001 Quality Management	ISO 14001 Environmental Management	ISO 45001 Occupational Health and Safety Management
8578	FS 672069	EMS 672067	OHS 672066

REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.

CPR COMPLIANT EN 50575

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.

bsi. RoHS Trusted KITEMARK™ KM 634267   ✓RoHS   CE

DIMENSIONS

ELAND PART NO.	NOMINAL CROSS SECTIONAL AREA mm²	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL CABLE WEIGHT kg/km
B1Z**0015	1.5	2.6	3.3	18
B1Z**0025	2.5	3.2	4	29
B1Z**0040	4	3.6	4.6	44
B1Z**0060	6	4.1	5.2	62
B1Z**010	10	5.3	6.6	103

* Designates the sheath colour. For each Eland Cables part number replace with the colour code as listed below: e.g. B1ZRD0015 = 1.5mm² Red

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

UK **T** 020 7241 8787 | **F** 020 7241 8700 | sales@elandcables.com | www.elandcables.com
International **T** +44 20 7241 8740 | **F** +44 20 7241 8700 | international@elandcables.com

technicalspecification | 1 of 1