

H07Z-U / H07Z-R

SINGLE CORE NON-SHEATHED CABLES WITH
HALOGEN FREE CROSSLINKED INSULATION

XL-HFFR (EI5)

Class 1-2 Copper



TYPE: H07BZ5-F

STANDARDS: BS EN 50525-3-41:2011

TECHNICAL DATA:

Max. Operating Temperature: + 90 °C

Rated Voltage: 450/750 V

Declared Performance:

Dca-sla,d1a1 (EN 50575:2014/A1:2016)

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

Flame Retardant according to IEC/EN 60332-1-2

CONSTRUCTION:

CONDUCTOR :

BS EN 60228 Class 1-2 Copper

INSULATION : XL-HFFR (EI5)

APPROVALS: BASEC (H07Z-R)



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SIZE (mm ²)	MEAN OVERALL DIAMETER (mm)	CURRENT CARRYING CAPACITY (A)	CONDUCTOR RESISTANCE (ohm/km)	APPROXIMATE WEIGHT (kg/km)
H07Z-U				
1.5	2.8	24	12.1	19
2.5	3.4	32	7.41	30
4	3.8	42	4.61	47
6	4.3	54	3.08	65
H07Z-R				
1.5	3	24	12.1	22
2.5	3.6	32	7.41	33
4	4.1	42	4.61	43
6	4.7	54	3.08	69
10	5.9	73	1.83	114
16	7	98	1.15	169
25	8.9	129	0.727	269
35	9.6	158	0.524	363
50	11.1	198	0.387	471
70	12.5	243	0.268	660
95	15	288	0.193	907
120	16.5	346	0.153	1164
150	18	390	0.124	1413
185	20.1	448	0.0991	1740
240	23.2	528	0.0754	2290

APPLICATION

It is suitable for use in dry and humid areas, inside panels, fixed lighting installations, pipes. It is suitable for fixed flush and flush mounted use in buildings where there is no risk of mechanical damage. Provides durability up to +90 degrees.

REGULATORY COMPLIANCE

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



CORE IDENTIFICATION

Core Color: Blue, Brown, Black, Grey, Green/Yellow, White, Orange, Red, Turquoise, Pink