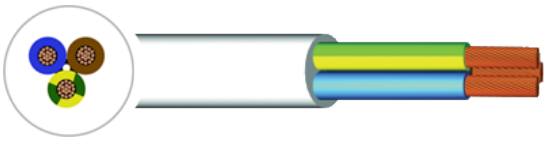
318-B (H05ZIZI-F) Zero Halogen Flexible Cord - 0.75mm² to 4mm²



Description

318*B zero halogen flexible cord cables are used as an indoor general wiring cable, primarily for installations in public areas. They are most commonly used for pendant lighting or as a general supply lead within public areas such as hospitals, shopping centres or airports. They are generally installed where fire, smoke emission and toxic fumes would create a hazard, should a fire occur. H05 Z1Z1-F.

Key Features

Voltage Rating
300/500 Volts

Minimum Bending Radius
5 x Overall Diameter

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Temperature Range: +5°C to +70°C

Core Colours

2 Core - Brown, Blue

3 Core - Brown, Blue, Green Yellow

4 Core - Brown, Black, Grey, Green Yellow

5 Core - Brown, Black, Grey, Blue, Green Yellow

6 Core - Brown, Black, Blue, Red, White, Green Yellow

7 Core - Centre: White Surrounded by: Brown, Black, Green, Blue, Red, Yellow

Standards

- Conforms to H05Z1Z1-F
- BS EN/IEC 60228
- BS EN/IEC 60332-1-2
- BS EN 50525-3-11

Construction

- **Conductor**: Class 5 Flexible stranded copper
- **Insulation**: Low Smoke Zero Halogen (LSZH)
- **Sheath**: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: White

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

318-B (H05ZIZI-F) Zero Halogen Flexible Cord - 0.75mm² to 4mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Stranding(mm)	Overall Diameter(mm)	Weight(Kg/Km)	Gland Size
3182B/75	0.75	2	24/0.20	6.8	59	20/16
3183B/75	0.75	3	24/0.20	7.2	70	20/16
3184B/75	0.75	4	24/0.20	7.7	85	20/16
3185B/75	0.75	5	24/0.20	8.5	110	20S
3182B1	1	2	32/0.2	7.2	69	20/16
3183B1	1	3	32/0.2	7.6	82	20/16
3184B1	1	4	32/0.2	8.5	105	20S
3185B1	1	5	32/0.2	9.1	130	20S
3186B1WH	1	6	32/0.2	9.8	136	20S
3187B1WHBULK	1	7	32/0.2	10.5	150	20S
3187B1WHR100	1	7	32/0.2	10.5	150	0.520S
3182B1/5	1.5	2	30/0.25	8.2	95	20/16
3183B1/5	1.5	3	30/0.25	8.9	120	20S
3184B1/5	1.5	4	30/0.25	10	150	20S
3185B1/5	1.5	5	30/0.25	11	180	20
3186B1/5WH	1.5	6	30/0.25	10.1	201	20S
3187B1/5WH	1.5	7	30/0.25	11.3	366	20S
3182B2/5	2.5	2	50/0.25	9.9	145	20S
3183B2/5	2.5	3	50/0.25	10.8	180	20S
3184B2/5	2.5	4	50/0.25	11.3	220	20
3185B2/5	2.5	5	50/0.25	12.8	265	20
3183B4	4	3	56/0.30	10.92	217	20
3184B4WH	4	4	56/0.30	12.21	283	20

TABLE 4F3B - Flexible cables, non-armoured (COPPER CONDUCTORS) Reproduced from BS7671:2018 Wiring Regulations

VOLTAGE DROP (per ampere per metre):

Conductor operating temperature: 60 °C

Conductor cross sectional area	DC or single-phase AC	Three-phase AC 3
(mm^2)	(mV/A/m)	(mV/A/m)
0.5	93	80
0.75	62	54
1	46	40
1.25	37	-
1.5	32	27
2.5	19	16
4	12	10

NOTE:
The values above are for 60 °C thermoplastic or thermosetting insulated flexible cables and for other types of flexible cable they are to be multiplied by the following factors:

FOR:	
90 °C thermoplastic or thermosetting insulated	1.09

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.

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