H05BQ-F Cable 0.5mm² to 1mm²



Description

H05BQ-F cables are robust polyurethane (PUR) sheathed cables suitable for a wide range of industrial applications. H05BQ-F cable is rated to 300/500V and offered in multicore sizes up to 1mm

H05BQ-F cables are often used within food preparation, agriculture industries, chemical plants and construction sites, as well as within offices and business premises. They are used for equipment such as cleaning equipment, food preparation and cooking appliances, hand held power tools, heat and inspection lamps, electrical saws and other equipment where they may experience medium to low mechanical stresses.

The polyurethane outer sheath offers protection from fats and oils, and chemicals, and is proven to prevent the growth and spread of microbial bacteria and offers a wide operating temperature range of -40oC to +90oC. H05BQ-F cables are also commonly used in food production washdowns due to a water resistance rating of AD7. THe cable is mainly designed for internal use, but equipment using this cable cab be used for occasional short use externally.

Key Features



Voltage Rating 300/500 Volts



Minimum Bending Radius 5 x Overall Diameter



Temperature Limits

Temperature Range: -40°C to +90°C Maximum Short Circuit Temperature: +250°C

Core Colours



Standards

- BS EN 50363-1
- BS EN 50525-2-21
- BS EN/IEC 60228
- BS EN 50363-10-2

Construction

- Conductor: Class 5 flexible, stranded copper
- Insulation: Cross-linked Ethylene Propylene Rubber (EPR)
- Outer Sheath: Polyurethane (PUR)
- Sheath Colour: Orange

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.







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.



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

ecovadis



















H05BQ-F Cable 0.5mm² to 1mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Minimum Bending Radius	Overall Dimensions(mm)	Weight(Kg/Km)
H05BQF5X0/75	.075	5	43.0	8.5	77.0
H05BQF2X0/5	0.5	2	30.0	6	32.0
H05BQF3X0/5	0.5	3	33.0	6.5	35.0
H05BQF4X0/5	0.5	4	36.0	7.2	55.0
H05BQF5X0/5	0.5	5	39.0	7.8	52.0
H05BQF2X0/75	0.75	2	33.0	6.5	46.0
H05BQF4X0/75	0.75	4	38.0	7.5	66.0
H05BQF2X1	1.0	2	36.0	7.2	55.0
H05BQF3X1	1.0	3	38.0	7.5	66.0
H05BQF4X1	1.0	4	41.0	8.2	82.0
H05BQF5X1	1.0	5	45.0	9.0	93.0

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