

## H05BQ-F Cable 0.5mm<sup>2</sup> to 1mm<sup>2</sup>



### Description

H05BQ-F cable, PUR sheathed cable, 300/500V cable, industrial cable, food industry cable, chemical resistant cable, oil resistant cable, microbial resistant cable, multicore cable, 0.5mm<sup>2</sup>, 1mm<sup>2</sup>, agriculture cable, construction cable, internal use cable, AD7 water resistant cable

### 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

2 core -	<span style="background-color: #8B4513; color: white; padding: 2px;">Brown</span>	<span style="background-color: #4169E1; color: white; padding: 2px;">Blue</span>			
3 core -	<span style="background-color: #8B4513; color: white; padding: 2px;">Brown</span>	<span style="background-color: #4169E1; color: white; padding: 2px;">Blue</span>	<span style="background-color: #9ACD32; color: white; padding: 2px;">Green Yellow</span>		
4 core -	<span style="background-color: #8B4513; color: white; padding: 2px;">Brown</span>	<span style="background-color: #000000; color: white; padding: 2px;">Black</span>	<span style="background-color: #A9A9A9; color: white; padding: 2px;">Grey</span>	<span style="background-color: #9ACD32; color: white; padding: 2px;">Green Yellow</span>	
5 core -	<span style="background-color: #8B4513; color: white; padding: 2px;">Brown</span>	<span style="background-color: #4169E1; color: white; padding: 2px;">Blue</span>	<span style="background-color: #000000; color: white; padding: 2px;">Black</span>	<span style="background-color: #A9A9A9; color: white; padding: 2px;">Grey</span>	<span style="background-color: #9ACD32; color: white; padding: 2px;">Green Yellow</span>

### 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.



### 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

### ecovadis

## H05BQ-F Cable 0.5mm<sup>2</sup> to 1mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	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

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.