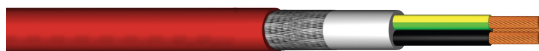


SiHFC Silicone 180 Cable - 0.75mm² to 25mm²



Description

SiHFC is a flexible multicore cable with silicone insulation and outer sheath. This cable has a tinned wire copper braid which allows an element of mechanical strength and resistance to electro magnetic interference.

They are designed for use in environments with sustained temperature extremes and fluctuations, making them suitable for a wide range of industrial applications such as power plants, ships and aircrafts, furnaces and ovens. As silicone rubbers don't support fungal or bacterial growth they are also used in food processing, refrigeration and medical industries

SiHF cables are rated to 300/500V. They are heat resistant up to 180°C and can also be employed at temperatures as low as -60°C. These silicon cables are low smoke zero halogen and are suitable for use in public buildings under CPR 2017.

Key Features



Voltage Rating
300/500 Volts



Minimum Bending Radius
Fixed: 6 x overall diameter
Flexing: 10 x overall diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Temperature Range: -60°C to +180°C

Core Colours

3 core:	Brown	Blue	Green	Yellow		
4 core:	Brown	Black	Grey	Green	Yellow	
5 core:	Brown	Blue	Green	Yellow	Black	Grey
6 core and above -	Black	cores with	White	numbers plus		

Standards

- BS EN/IEC 60332-1-2
- VDE 0482-332-1-2
- BS EN/IEC 60228

Construction

- **Conductor:** Class 5 tinned copper
- **Insulation:** Silicone Rubber
- **Bedding:** Silicone Rubber
- **Braiding:** Tinned Copper Wire Braiding (TCWB)
- **Outer Sheath:** Silicone Rubber
- **Sheath Colour:** Red

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

SiHFC Silicone 180 Cable - 0.75mm² to 25mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Minimum Bending Radius	Overall Dimensions(mm)	Weight(Kg/Km)
SIHFC180C500V2X/75	0.75	2	57	9.5	130
SIHFC180C500V3X/75	0.75	3	60	10.0	150
SIHFC180C500V4X/75	0.75	4	63	10.5	170
SIHFC180C500V5X/75	0.75	5	66	11.0	185
SIHFC180C500V7X/75	0.75	7	69	11.5	115
SIHFC180C500V2X1	1	2	60	10.0	140
SIHFC180C500V3X1	1	3	63	10.5	165
SIHFC180C500V4X1	1	4	66	11.0	185
SIHFC180C500V5X1	1	5	72	12.0	210
SIHFC180C500V7X1	1	7	72	12.0	250
SIHFC180C500V12X1	1	12	93	15.5	460
SIHFC180C500V2X1/5	1.5	2	66	11.0	180
SIHFC180C500V3X1/5	1.5	3	72	12.0	210
SIHFC180C500V4X1/5	1.5	4	75	12.5	240
SIHFC180C500V5X1/5	1.5	5	81	13.5	285
SIHFC180C500V7X1/5	1.5	7	87	14.5	350
SIHFC180C500V12X1/5	1.5	12	120	20.0	380
SIHFC180C500V2X2/5	2.5	2	72	12.0	240
SIHFC180C500V3X2/5	2.5	3	78	13.0	285
SIHFC180C500V4X2/5	2.5	4	87	14.5	340
SIHFC180C500V5X2/5	2.5	5	93	15.5	410
SIHFC180C500V7X2/5	2.5	7	102	17.0	195
SIHFC180C500V4X6	4	4	105	17.5	530
SIHFC180C500V5X4	4	5	120	20.0	600
SIHFC180C500V4X6	6	4	114	19.0	795
SIHFC180C500V4X10	10	4	156	26.0	1310
SIHFC180C500V4X16	16	4	174	29.0	2000
SIHFC180C500V4X25	25	4	210	35.0	3010

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