

# BCH Flat Cables

“Trusted and proven product

for submersible pump motors applications”

Lead Free

Longer Life

Lower Heat Losses

Environment Friendly



BCH Electric Limited, one of the largest manufacturers of LV electrical and electronics control in India, offers a wide range of Flat submersible cables in two different types of insulating material i.e PVC insulation and XLPE insulation. Cables with XLPE insulation are suitable for use in areas with prolonged undervoltage / overvoltage supply, where high ambient temperatures and temperature rise due to load results in a continuous conductor temperature up to 90 degree C. The conductors are made with high purity ETP grade copper with 99.98% purity.

All BCH cables are made with the best material inputs and manufactured with on-line measurement and monitoring of various parameters including dielectric strength, thereby ensuring a flawless, reliable and consistent product with repeatability.

The sheathing is provided with specially formulated PVC compounds to facilitate not only ease in stripping but also to withstand mechanical abrasion while in use. The manufacturing process ensures enhanced conductivity of the conductor and stress-free insulation, thereby providing longer life of the cable.



**BCH ELECTRIC LIMITED**

**BCH 3 CORE FLAT CABLES WITH ABC COPPER CONDUCTOR, RoHS PVC / XLPE INSULATION & PVC SHEATH FOR SUBMERSIBLE PUMP MOTORS. SUITABLE FOR VOLTAGE GRADE 1100 V AS PER / GENERALLY CONFORMING TO I.S. 694 / 2010.**

BCH 3 CORE STANDARD FLAT CABLES WITH RoHS PVC INSULATION & PVC SHEATH.

BCH Code	STANDARD FLAT CABLE
CS0010BM	1.0 Sq. mm x 3 core Flat Cable
CS0015BM	1.5 Sq. mm x 3 core Flat Cable
CS0025BM	2.5 Sq. mm x 3 core Flat Cable
CS0040BM	4.0 Sq. mm x 3 core Flat Cable
CS0060BM	6.0 Sq. mm x 3 core Flat Cable
CS0100BM	10.0 Sq. mm x 3 core Flat Cable
CS0160BM	16.0 Sq. mm x 3 core Flat Cable
CS0250BM	25.0 Sq. mm x 3 core Flat Cable
CS0350BM	35.0 Sq. mm x 3 core Flat Cable

BCH THREE CORE THICK FLAT CABLES WITH RoHS PVC INSULATION & SHEATH FOR HIGHER MECHANICAL STRENGTH

BCH Code	FLAT CABLE THICK
CFT-03-0010BM	1.0 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0015BM	1.5 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0025BM	2.5 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0040BM	4.0 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0060BM	6.0 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0100BM	10.0 Sq. mm x 3 core Flat CABLE THICK
CFT-03-0160BM	16.0 Sq. mm x 3 core Flat CABLE THICK
CFTH-03-0025BM	2.5 Sq. mm x 3 core Flat CABLE THICK

BCH THREE CORE FLAT CABLES WITH XLPE INSULATION & RoHS PVC SHEATH FOR CONTINUOUS CONDUCTOR TEMPERATURE UPTO 90 DEG. C. USED IN AREAS WITH HIGH AMBIENT TEMPERATURES AND / OR UNDER VOLTAGE CONDITIONS.

BCH Code	FLAT CABLE THICK WITH XLPE INSULATION
CFTX-03-0015BM	1.5 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION
CFTX-03-0025BM	2.5 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION
CFTX-03-0040BM	4.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION
CFTX-03-0060BM	6.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION
CFTX-03-0100BM	10.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION
CFTX-03-0160BM	16.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION

BCH 3 CORE FLAT CABLES XLPE INSULATION & RoHS PVC SHEATH. SUITABLE FOR USE IN AREAS WITH PROLONGED UNDERVOLTAGE CONDITIONS AND / OR HIGH AMBIENT TEMPERATURES. HIGHER CROSS - SECTIONAL AREAS OF CONDUCTORS.

BCH Code	FLAT CABLE THICK WITH XLPE INSULATION & HIGHER CROSS - SECTIONAL AREA OF COPPER CONDUCTOR
CFTHX-03-0040BM	4.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION & HIGHER CROSS SECTIONAL AREA OF COPPER CONDUCTOR
CFTHX-03-0060BM	6.0 Sq. mm x 3 core Flat CABLE THICK WITH XLPE INSULATION & HIGHER CROSS SECTIONAL AREA OF COPPER CONDUCTOR

**Note:**

"BM" at the end of every code denotes drum of 500 meters. Please use codes mentioned below for different coil lengths:  
 "A" - Coil of 100 meters, "CM" - Drum of 1000 meters

**BCH ELECTRIC LIMITED**

Visit us at : [www.bchindia.com](http://www.bchindia.com)

Corporate Office : 1105, New Delhi House, 27, Barakhamba Road, New Delhi-110 001 Tel. : 91-11-23316029/3610/6539/43673100 Fax : 91-11-23715247 E-mail : [marketing@bchindia.com](mailto:marketing@bchindia.com)

Registered Office : Block 1E, 216, Acharya Jagadish Chandra Bose Road, Kolkata - 700 017

CIN : U31103WB1965PLC026427

Works 1 : 20/4, Mathura Road, Faridabad - 121 006 (Haryana) Tel. : 0129-4063000/4293000 Fax : 0129-2304016

Works 2 : 64-68, Sector-7, IIE, Pant Nagar, Rudrapur, Udham Singh Nagar - 263 153 (Uttarakhand) Tel. : 05944-250214/16 Fax : 05944-250215