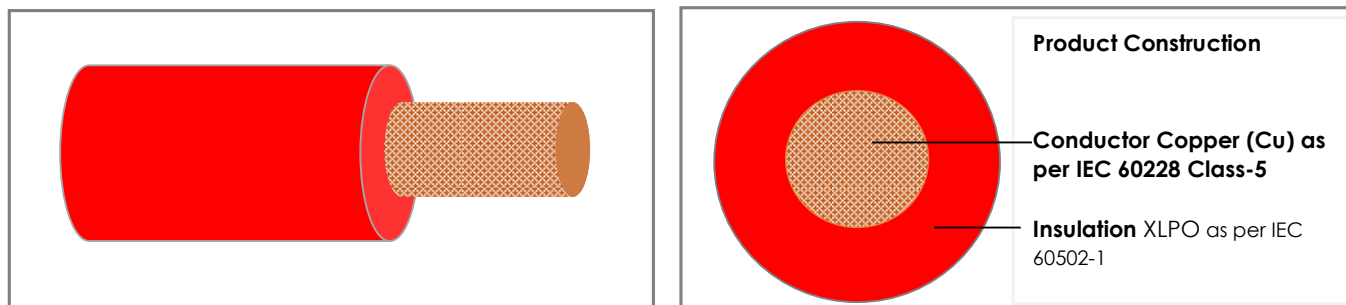


BHAGDYADEEP Cables -Single core Cables as per IEC



Part No.	Size	Construction	Conductor Resistance at 20°C (mΩ/m)	Insulation Thickness (mm)	Outer Diameter of Cable (mm)
CB-0.25 - 14 /0.15 MM (1.70)-IEC	0.25 (CSR)	14 /0.15	Max:- 82.00	Nominal :0.60	Max : 1.80 Min : 1.60
CB-0.5 - 16 /.21 MM (2.20)-IEC	0.50	16 /0.21	Max: 39.00	Nominal :0.60	Max : 2.50 Min : 2.10
CB-0.75 - 24 /.21 MM (2.40)-IEC	0.75	24 /.21	Max: 26.00	Nominal :0.60	Max : 2.70 Min : 2.20
CB-1.50 - 30/ .26 MM (3.10)-IEC	1.50	30 /0.26	Max: 13.30	Nominal :0.60	Max: 3.40 Min : 2.80
CB-4.00 - 56 /.31 MM (4.40)-IEC	4.00	56/0.31	Max: 4.95	Nominal :0.80	Max : 4.80 Min : 4.00
Conductor			Soft annealed copper according to ASTM B3 with special symmetric bunching for better concentricity & signal response		
Cable construction			Cable construction as per IEC 60228 Class-5		
Rated Voltage			1100 V		
Temperature range			-40°C to +90°C		
Copper Elongation			Min : 9.0 %		
Insulation			XLPO as per IEC 60502-1		
Insulation colour			As per Requirement		
Heat Resistance @ 70°C for 7 Days			Withstands		
Low Temperature Characteristic @ -15°C for 4 hours			Withstands		
Flame resistance			Passes IEC 60332-1-2 requirement		
Smoke Test			Passes IEC 61034 / EN 50268-2 requirement		
Halogen Test			Passes IEC 60754-2 / EN 50267-2-1 requirement		

Ozone Test	Passes EN 50396 requirement
Tensile Strength & Elongation	12.5 Mpa & 150 %
Voltage Rating	General wiring withstand- 1.1 kv for continues (AC & DC) General wiring withstand- 3 kv for 5 mints Ignition cable withstand -20 kv for 5 mints
Spark Voltage Test	Withstands 3.5 Kv to 12 Kv
Bending Radius	5 x Outer Diameter of cable.
Packaging	As per requirement

Certifications & Compliance



Applications

- ✓ These cables are designed for residential and commercial infrastructure. They serve as the connecting medium in power and control panels, cabinets & switchgears. They can also use for the purposes such as stationary and static appliances, motors and for other single phase connections

Features

- ✓ XLPO insulated cables suitable for all general purpose wirings for max. Operating temperature of 80 °C.
- ✓ Multicore cable enhances safety and are suitable for max. Operating temperature 80°C.

Note

We can provide the following variants:-

Variant 1– Can be provided with Tinned copper on Request.

Variant 2– Class- 1 & Class-2 Conductor Available on Request.

Variant 3 – More Flexible Construction Available.

Variant 4 – Higher Temperature Rating Available.

Please contact us at bhagyadeepcables@gmail.com for more information

Disclaimer: The information contained in this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting the cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.