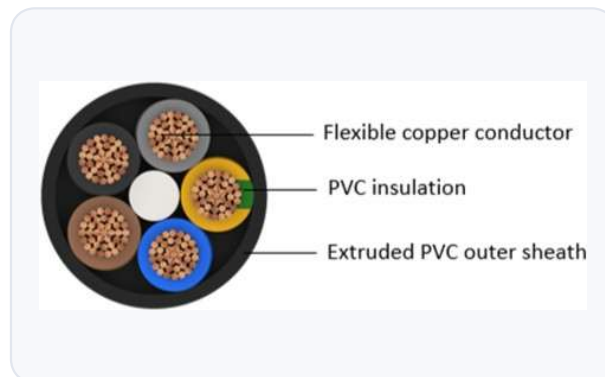


MULTICORE FLEXIBLE CABLE · CLASS 5 COPPER · PVC INSULATED · UNSCREENED · BLACK PVC SHEATH · IEC 60502-1

INDOCABLES CLASSIC 100 BK INDUSTRIAL CABLE

600/1000 V AC



Images not to scale. Follow table for dimensions

APPLICATION

INDOCABLES CLASSIC 100 BK, fine wire flexible copper conductor, PVC insulated and sheathed cable is designed to use in Industrial application such as plant engineering, industrial machinery, power station and also suitable to use in dry or damp area with medium mechanical loads & in wind turbine generator.

CONSTRUCTION

- 01 **Conductor:** Class 5 Bare Copper conductor according to IEC 60228/VDE 0295
- 02 **Insulation:** Inhouse developed PVC compound
- 03 **Laid up:** Cores laid up
- 04 **Sheath:** Inhouse developed PVC compound. Colour: Black

CHARACTERISTICS

VOLTAGE RATING	U_0/U : 600/1000 V
OPERATION TEMPERATURE	-15°C to +70° C
CORE IDENTIFICATION	Colour code is according to VDE 0293-308
BENDING RADIUS	Fixed installation: 6 X D Occasional flexing: 10 X D
TEST VOLTAGE	Voltage test on complete cable at 3500 V

OUTSTANDING FEATURES


FLAME RETARDANT

UV RESISTANT

MOISTURE RESISTANT

STANDARD FOLLOWS

IEC 60228/VDE 0295

BS 6231

IEC 60502-1

COMPLIANCE

Conductor resistance IEC 60228

Flame retardant IEC 60332-1-2

ACCREDITATIONS & APPROVAL



ISI



ISO 9001


 Make in
India

CM/L 6200267409

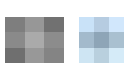


TABLE 1 DIMENSIONAL CHARACTERISTICS

PRODUCT CODE	NO. OF CORES X CROSS SECTIONAL AREA No. x sq.mm.	NOMINAL OVERALL DIAMETER Approx. mm	WEIGHT Kg/km
1.0 MM ² CONDUCTOR			
IC-CT-03-00100-CU-PVC-YY-0660-IEC60502P1-FR-UV	3 G 1.0	9.2	131.2
IC-CT-05-00100-CU-PVC-YY-0660-IEC60502P1-FR-UV	5 G 1.0	10.9	165.9
1.5 MM ² CONDUCTOR			
IC-CT-02-00150-CU-PVC-YY-0660-IEC60502P1-FR-UV	2 X 1.5	9.3	132.6
IC-CT-03-00150-CU-PVC-YY-0660-IEC60502P1-FR-UV	3 G 1.5	9.8	153.3
IC-CT-04-00150-CU-PVC-YY-0660-IEC60502P1-FR-UV	4 G 1.5	10.7	186.6
IC-CT-05-00150-CU-PVC-YY-0660-IEC60502P1-FR-UV	5 G 1.5	11.5	199.2
2.5 MM ² CONDUCTOR			
IC-CT-03-00250-CU-PVC-YY-0660-IEC60502P1-FR-UV	3 G 2.5	10.7	197.5
IC-CT-04-00250-CU-PVC-YY-0660-IEC60502P1-FR-UV	4 G 2.5	11.6	239.3
4.0 MM ² CONDUCTOR			
IC-CT-04-00400-CU-PVC-YY-0660-IEC60502P1-FR-UV	4 G 4.0	12.9	315.9
6.0 MM ² CONDUCTOR			
IC-CT-04-00600-CU-PVC-YY-0660-IEC60502P1-FR-UV	4 G 6.0	14.2	412.6

Above values are approximate and subject to standard manufacturing tolerance

Product codes follow the Indo Cables product-code structure: IC – LINE – CORES – SIZE – CONDUCTOR – INSULATION – DESIGNATION – VOLTAGE – STANDARD – OPTION. CT denotes the control-cable line, YY the copper / PVC insulated / PVC sheathed unarmoured construction, 0660 the 600/1000 V grade, IEC60502P1 the IEC 60502-1 standard, FR the flame-retardant compound and UV the UV-resistant sheath. Rows are grouped by conductor size; every value is reproduced from the source sheet. All 10 codes on this sheet are derived from the code structure and are pending entry in the Item Master.

FLAGGED FOR CONFIRMATION

- 01 All ten codes on this sheet collide with sheet CC-14, Classic 110 Black, 600/1000 V. That sheet is the same line, conductor, insulation, designation, voltage grade, standard and options, and it covers the same ten core-and-size combinations, so the structure produces the identical code for both — while the data differs: 3 G 1.5 is 9.8 mm and 153.3 kg/km here against 10.5 mm and 165 kg/km on CC-14. The structure carries no product-series and no sheath-colour segment, so Classic 100 BK and Classic 110 Black cannot be told apart. Add a series segment to tab 5 REF TABLES, or confirm which of the two sheets governs these items.
- 02 No row on this sheet is in the register. The Item Master holds 672 control-cable items, every one of them at 1100 V on IS 7098 Part 1, IS 1554 Part 1 or IS 17505 Part 1 — none on IEC 60502-1, none at the 600/1000 V grade. All ten codes are derived from the code structure and need typed rows before these items go ACTIVE.
- 03 The DESIGNATION block holds no value for a class 5 flexible multicore at 600/1000 V. H05VK is the multicore class 5 value but fixed at 300/500 V. These codes therefore carry YY — Cu / PVC insulated / PVC sheathed, unarmoured — as sheet CC-14 does. It describes the construction but not the fine-wire class 5 conductor. Confirm YY, or add a flexible 600/1000 V designation to tab 5.

- 04 Every old code on the source sheet ends IE60502P1 — for example CTC03C1.5PCPVFRIE60502P1 — while the Standard-follows block lists three standards: IEC 60228/VDE 0295, BS 6231 and IEC 60502-1. The code carries one. These codes carry IEC60502P1, the register's value for IEC 60502-1 and the value the old codes point to. The STANDARD block on tab 5 has no BS 6231 value; sheets CC-09 and CC-11 derived BS6231 for their own items. Confirm which standard governs this item.
- 05 BS 6231 covers single-core PVC switch gear and control gear wiring cables — the subject of sheets CC-09 and CC-11 — while this sheet is a multicore flexible cable. The claim is reproduced as written; confirm it applies.
- 06 The structure has no G / X segment, so the 2 X 1.5 row and a future 2 G variant with a green/yellow protective core would carry the same code. No two rows on this sheet collide on that account.
- 07 Two options are used: FR carries the flame-retardant compliance line (IEC 60332-1-2) and UV the UV resistance. The sheet's moisture-resistance claim has no option code and is not carried anywhere in the code.
- 08 Operation temperature reads -15°C to +70° C in the source, with the degree sign detached from the upper value. Reproduced as written.
- 09 The source carries no current-carrying capacity, conductor resistance or de-rating table. This sheet therefore ends at dimensional data; the electrical tables are needed to complete it.
- 10 The source sheet's Our Accreditations area carried a NABL laboratory mark. It has been removed and replaced with the ISI mark and the ISO 9001 badge, both printed on every sheet. No Indian Standard governs this product, so no BIS licence covers it: the licence line shows CM/L 6200267409, the company's own licence as carried on sheets CC-09 and CC-14, and it does not certify this product against IEC 60502-1 or BS 6231. Confirm the correct licence, or hide the line from Tweaks.
- 11 The ISO 9001 mark is a 52 × 53 px crop from a supplied screenshot and prints well below the resolution a 300 dpi sheet needs; supply a vector or print-resolution file. No RoHS or REACH mark is printed: no control-cable source sheet claims either, so the marks would be an unsupported compliance claim. Confirm whether the range is RoHS and REACH certified and supply those logo files if it is. The Make in India mark is a 76 × 39 px crop from a supplied screenshot and prints at roughly a quarter of the resolution a 300 dpi sheet needs; supply a print-resolution file or hold the mark off the sheet. The reference header shows a lockup carrying the tagline EVERY CONNECTION MATTERS. No supplied logo file contains it and the design system has no confirmed tagline, so the header prints the stacked lockup alone; supply that lockup, or confirm the tagline, to set it.