



Low Voltage Cables
Product Catalogue
VCTF
2023

CONSTRUCTION

Based on:	JIS C 3306
Conductor:	Flexible fine copper wires according to JIS C 3102
Insulation:	PVC compound
Outer Sheath:	PVC compound
Rated Voltage:	< 100 V – 0.5mm ² 300 V – 0.75mm ²
Test Voltage:	1000 V
Rated Temperature:	-5°C – 60°C
Flame Retardant:	according to JIS C 3005
Sheath Colour:	Black or Grey



APPLICATIONS

VCTF is a flexible PVC cable resistant to flame and light mechanical stress. It is suitable for indoor use and dry conditions. Installation is apt for household appliances, robotics, and automotive harness. For example, hair dryers, refrigerators, washing machines, robotic arms, sensors, conveyor systems, packing machinery, etc.

CORE IDENTIFICATION

Two Cores:	● Black	○ White		
Three Cores:	● Black	○ White	● Red	
Four Cores:	● Black	○ White	● Red	● Green

DATASHEET

NOMINAL SIZE	GOLDBERG NUMBER	NOMINAL INSULATION THICKENESS	MEAN OVERALL DIAMETER	RESISTANCE OF CONDUCTOR AT 20°C	CURRENT CARRYING CAPACITY AIR AMBIENT TEMPERATURE OF 30°C	APPROX WEIGHT OF CABLE
mm ²		mm	mm	Ω/km	A	kg/100m
2C x 0.5	GB82005	0.5	5.8 – 6.4	36.7	6	5.8
2C x 0.75	GB820075	0.6	6.4 – 7.0	25.1	8	6.8
3C x 0.5	GB83005	0.5	6.1 – 7.1	36.7	6	6
3C x 0.75	GB830075	0.6	6.7 – 7.1	25.1	8	7
4C x 0.5	GB84005	0.5	6.6 – 7.7	36.7	6	7.5
4C x 0.75	GB850075	0.6	7.3 – 8.1	25.1	8	8.5
6C x 0.5	GB86005	0.5	7.3 – 8.1	36.7	6	10

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