



Wires, Cables & Cords

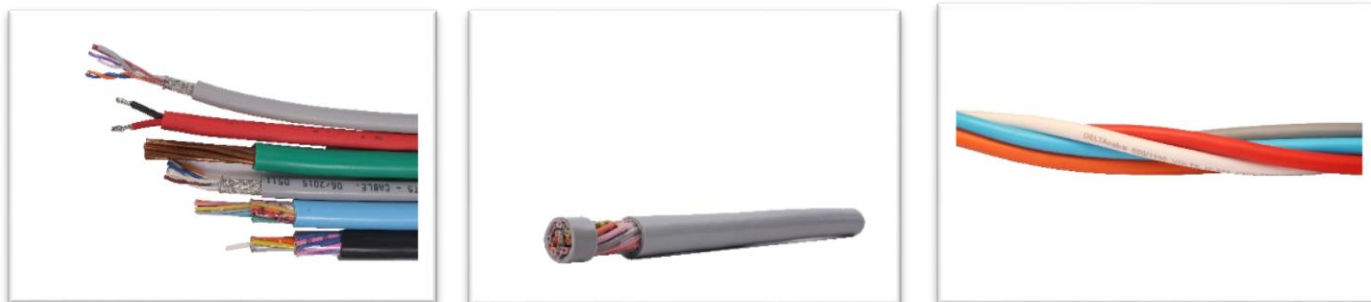
Multicore Industrial Flexible Cables

ELECTRIFYING YOUR FUTURE



Deltacab Multicore Industrial Flexible Cables are manufactured from bright-annealed 99.98 % pure bare copper and hence offer low conductor resistance. The sheathing provided is of specially engineered PVC compound which gives the cable good abrasion resistance strength and also facilitates ease in stripping. The cables are also available in HR/HRFR/FRLS insulation and these properties help in restricting the spread of fire.

These wires/cables cover wide range of applications such as control panels, machines, home appliances, electrical installations, automation sector, automotive sector etc.



Technical Specification

Type of Insulation	Type of Sheathing	Application Standards	Typical Applications
Standard PVC	Standard PVC, HR PVC	IS 694, IEC 60227	Temporary Power Supplies, Power Cords for appliance
Heat Resistant PVC up to 105-degree Celsius	Standard PVC, HR PVC	IS 694, IEC 60227	Temporary Power Supplies, Ovens, Hi-power appliances
Standard PVC of FRLS	FRLS (Flame Retardant Low Smoke)	IS 694, IEC 60227	Flame Proof Equipments, Machine tools used in critical locations and heat zones, Power Cords for application used in fire prone areas

Deltacab Multicore Round Insulated Copper Conductor and Sheathed Flexible Cables, 1100V Voltage Grade

Nominal Cross Sectional Area of Conductor (sqmm)	Number / Nom. Dia of cond. Strands * (mm)	Thickness of Insulation (Nom) (mm)	Nominal Thickness of Sheath			Approx. Overall Diameter			Current Rating AC (Amps)	Voltage Drop / Amp/Metre		Max. Conductor Resistance per KM at 20 degree Celsius (Ohms)
			Four Core (mm)	Three Core (mm)	Four Core (mm)	Two Core (mm)	Three Core (mm)	Four Core (mm)		DC or Single-Phase AC	3 Phase AC	
0.50	16/0.20	0.60	0.90	0.90	0.90	6.20	6.60	7.20	6.00	83.00	72.00	39.00
0.75	24/0.20	0.60	0.90	0.90	0.90	6.50	6.90	7.60	9.00	56.00	48.00	26.00
1.00	32/0.20	0.60	0.90	0.90	0.90	6.90	7.30	8.20	14.00	43.00	37.00	19.50
1.50	30/0.25	0.60	0.90	0.90	1.00	7.60	8.20	9.30	18.00	31.00	26.00	13.30
2.50	50/0.25	0.70	1.00	1.00	1.00	9.00	9.60	10.50	24.00	18.00	16.00	7.98
4.00	56/0.30	0.80	1.00	1.00	1.00	10.30	10.90	12.30	32.00	11.00	9.60	4.95

Deltacab Multicore Cables are used in wide range of applications such as communication wiring, heavy duty applications, electric motor or electronic equipment, battery cables, home appliances, industrial and commercial infrastructure.