

INDUSTRIAL POWER CABLES

We are Providing a exclusive range of unarmored 3 core 4 core DoubleSheathed single solid aluminium cable which are generally conformeing to IS 694 : 2015. these are Superior in quality and performance. This ensure proper connection, good conductivity and complet optimizatin of wire solder abil ty. Ouraluminum cables are very qualitative and satiate the requirements of variedindustries. They don's merely deliver powe, they do so with maximum efficiency and security. Conductors are made from special grade aluminum conforming to IS : 8130, and are compact are made form special grade aluminum conforming to special grade of PVC and outer sheath consist of a highly abrasion resistant PVC compound. These cable are suitable for use in AC single phase or three phase (earthed or unearthed) systems for rated voltage upto and including 1100 volts or a DC systems for rated voltages upto and induding 1500 volts to earth. These cable are used for outdoor installation in damp & wet location, laid direct in ground where mechanical damages are expected to occur.



Specification of Unarmoured Round Aluminium Cables

PVC. INSULTED & SHEATHED ROUND UNARMoured ALUMINIUM CABLE UP TO 1100 V GENERALLY CONFORMING IS 694 : 2015

Nominal c/s Area of Conductor in sq. mm.	Conductor Construction No. / mm.	Nominal Insulation Thickness In mm.	Approx. Core Dia. In mm.	Outer Sheath Nominal Thickness in mm.		Max. Overall Dimensions		Current Rating At 40°C In Amps.	Max, D/C Resistance @ 20°C Ohm. / km.
				3 Core	4 Core	3 Core	4 Core		
4.00	1/2.25	0.8	3.8	1.3	1.4	11.40	12.85	23	7.41
6.00	1/2.76	0.8	4.5	1.4	1.4	12.45	14.50	30	4.61
10.00	1/3.57	1.0	5.5	1.5	1.6	14.40	16.00	40	3.08
16.00	1/4.50	1.0	6.7	1.6	1.6	17.50	20.40	51	1.91