



ARIAN ABHAR W & C CO.
Laboratory Department
Data Sheet

Applicable Standard	IEC 60227 - IEC 60228 - ISIRI 3084 - ISIRI 607-6
Cable Size	7 x 2.5 mm ²
Abbreviation Code	CU/PVC/PVC
Nominal Voltage	450/750 V
Type	Control Cable

Construction Data			REF. Standard
Conductor	Material	Plain Annealed Stranded Copper	IEC 60228 ISIRI 3084
	Classification	5	
	Conductor Cross Section	2.5 mm ²	
Insulation	Material	PVC	IEC 60227 ISIRI 607-6
	Nominal Thickness	0.8 mm	
	Color	6 core: Black continuously numbered on white core for multi-element & 1 core: Yellow/Green	
Sheath	Material	PVC	IEC 60227 ISIRI 607-6
	Nominal Thickness	1.3 mm	
	Color	Black	

Electrical and Mechanical Parameter		REF. Standard
Max Resistance conductor at 20°C	7.98 Ω/KM	IEC 60228 ISIRI 3084
Tensile strength of insulation (Min.)	10 N/mm ²	IEC 60227 ISIRI 607-6
Elongation at break of insulation (Min.)	150%	
Tensile strength of sheath (Min.)	10 N/mm ²	
Elongation at break of sheath (Min.)	150%	

