



ARIAN ABHAR W & C CO.
Laboratory Department
Data Sheet

Applicable Standard	IEC 60502-1 - IEC 60228 - ISIRI 3084 - ISIRI 3569-1
Cable Size	4 x 4 mm ² NYY
Abbreviation Code	CU/PVC/PVC
Nominal Voltage	0.6/1 KV
Type	Black Flexible Cable

Construction Data				REF. Standard
1	Conductor	Material	Plain Annealed Stranded Copper	IEC 60228 ISIRI 3084
2		Classification	5	
3		Conductor Cross Section	4 mm ²	
4	Insulation	Material	PVC	IEC 60502-1 ISIRI 3569-1
5		Nominal Thickness	1 mm	
6		Color	Black, Blue, Red, Yellow	
7	Sheath	Material	PVC	IEC 60502-1 ISIRI 3569-1
8		Nominal Thickness (min.)	1.3 mm	
9		Color	Black	
10	Working temprature		70°C	

Electrical and Mechanical Parameter			REF. Standard
11	Max Resistance conductor at 20°C	4.95 Ω/KM	IEC 60228 ISIRI 3084
12	High voltage insulation test in 5 minutes (DC)	8.4 Kv (DC)	IEC 60502-1 ISIRI 3569-1
13	Minimum insulation resistance at 70°C	0.037 MΩ.km	
14	Tensile strength of insulation (Min.)	12.5 N/mm ²	
15	Elongation at break of insulation (Min.)	150%	
16	Tensile strength of sheath (Min.)	12.5 N/mm ²	
17	Elongation at break of sheath (Min.)	150%	

