



ARIAN ABHAR W & C CO.
Laboratory Department
Data Sheet

Applicable Standard		IEC 60502-1 - IEC 60228 - ISIRI 3084 - ISIRI 3569-1		
Cable Size		4x4+4 mm2 NYCY		
Abbreviation Code		CU/PVC/PVC/CWS/PVC		
Nominal Voltage		0.6/1 KV		
Type		Concentric Cable		
Construction Data				REF. Standard
1	Conductor	Material	Plain Annealed Solid Copper	IEC 60228 ISIRI 3084
2		Classification	1	
3		Conductor Cross Section	4 mm2	
4	Insulation	Material	PVC	IEC 60502-1 ISIRI 3569-1
5		Nominal Thickness	1 mm	
6		Color	Black , Red , Yellow , Blue	
7	Seperation Layer	Material	PVC	IEC 60502-1 ISIRI 3569-1
8		Nominal Thickness	1 mm	
9	Concentric conductor	Material	Plain Annealed Copper Wire	IEC 60502-1 ISIRI 3569-1
10		Conductor Cross Section	4 mm2	
11	Seperation Tape	Material	PET	IEC 60502-1 ISIRI 3569-1
12		Thickness	0.035 mm	
13	Sheath	Material	PVC	IEC 60502-1 ISIRI 3569-1
14		Nominal Thickness	1.8 mm	
15		Color	Black	
Electrical and Mechanical Parameter				REF. Standard
16	Max Resistance conductor at 20°C		4.61 Ω/KM	IEC 60228 ISIRI 3084
17	Tensile strength of insulation (Min.)		12.5 N/mm2	IEC 60502-1 ISIRI 3569-1
18	Elongation at break of insulation (Min.)		150%	
19	Tensile strength of sheath (Min.)		12.5 N/mm2	
20	Elongation at break of sheath (Min.)		150%	

