



ARIAN ABHAR W & C CO.

Laboratory Department

Data Sheet

Applicable Standard	IEC 60502 - IEC 60228		
Cable Size	2 x 1.5 mm2		
Abbreviation Code	Cu/MGT/XLPE/PET/CWB/LSZH		
Nominal Voltage	0.6/1 KV		
Type	Fire Resistant Shielded Cable		
Construction Data			REF. Standard
Conductor	Material	Plain Annealed Stranded Copper	IEC 60228
	Classification	5	
	Conductor Cross Section	1.5 mm2	
Seperation Tape	Material	Mica Glass Tape	IEC 60502
	Nominal Thickness	0.13	
Insulation	Material	XLPE	IEC 60502
	Nominal Thickness	0.7 mm	
	Color	Black , Red , Yellow	
Seperation tape	Material	PET	IEC 60502
	Nominal Thickness	0.035 mm	
Copper Braid Screen	Material	Plain Annealed Braided Copper	IEC 60228
	Coverage	85%	
Sheath	Material	LSZH	IEC 60502
	Nominal Thickness(Min.)	1.3 mm	
	Color	Red	
Electrical and Mechanical Parameter			REF. Standard
Max Resistance conductor at 20°C		13.3 Ω/KM	IEC 60228
Tensile strength of insulation (Min.)		12.5 N/mm2	IEC 60502
Elongation at break of insulation (Min.)		200%	
Tensile strength of sheath (Min.)		9 N/mm2	
Elongation at break of sheath (Min.)		125%	
			