

ROUTINE TEST

LV Power & Control Cables

Type & Size: 2x2.5 NYMHY

Customer :

Cable Elements	Results			Standard Value
Conductor:	CU-CLASS 5			CU-CLASS 5
Conductor (N0*Dia):	54x0.230			≤0.26
Conductor Resistance (Ω / km) At 20 °c (MAX)	7.70			7.98
Insulation:	Min	Mean	Max	
Thickness:	0.8	0.9	0.9	0.8
Nominal Diameter:	3.60	3.70	3.70	3.4Min/4.1Max
Color Insulation	Black -Blue			
Insulation material	PVC-D			PVC-D
Insulation Resistance (M Ω . km)	1.3			0.009
Sheath	Min	Mean	Max	
Sheath (Thickness)	1.00	1.05	1.10	1.00
Overall Diameter	9.40	9.50	9.60	8.4Min/10.6Max
Jacket material	Pvc-ST5			Pvc-ST5
ELONGATION(Before Insulation aging)	330			150
ELONGATION (after Insulation aging)	321			150
TENSILE (Before Insulation aging)	12.90			10
TENSILE(after Insulation aging)	12.81			10
ELONGATION(amount of changes)	-2.72			±20
TENSILE (amount of changes)	-0.69			±20
ELONGATION(Before jacket aging)	265			150
ELONGATION (after jacket aging)	251			150
TENSILE (Before jacket aging)	13.10			10
TENSILE(after jacket aging)	13.04			10
ELONGATION(amount of changes)	-5.28			±20
TENSILE (amount of changes)	-0.45			±20

Long Term Res . To DC Voltage 4.8kv	No crack	No crack
Cable mark : ETEMAD CABLE ALBORZ CO.2x2.5 mm ² NYMHY 300/500V (607 INSO 53) 6663422956 MADE IN IRAN		
شماره پیامک اصالت کالا 10001517		