

ROUTINE TEST

LV Power & Control Cables

Type & Size: 2x1.5 NYMHY
Customer :

Cable Elements	Results			Standard Value
Conductor:	CU-CLASS 5			CU-CLASS 5
Conductor (N0*Dia):	32x0.230			≤0.26
Conductor Resistance (Ω / km) At 20 °c (MAX)	13.10			13.30
Insulation:	Min	Mean	Max	
Thickness:	0.70	0.75	0.80	0.7
Nominal Diameter:	2.90	3.00	3.10	2.8Min/3.4Max
Color Insulation	Black -Blue			
Insulation material	PVC-D			PVC-D
Insulation Resistance (M Ω . km)	1.21			0.010
Sheath	Min	Mean	Max	
Sheath (Thickness)	0.80	0.85	0.90	0.80
Overall Diameter	7.60	7.70	7.80	6.8Min/8.6Max
Jacket material	Pvc-ST5			Pvc-ST5
ELONGATION(Before Insulation aging)	314			150
ELONGATION (after Insulation aging)	302			150
TENSILE (Before Insulation aging)	12.84			10
TENSILE(after Insulation aging)	12.70			10
ELONGATION(amount of changes)	-3.82			±20
TENSILE (amount of changes)	-1.09			±20
ELONGATION(Before jacket aging)	257			150
ELONGATION (after jacket aging)	243			150
TENSILE (Before jacket aging)	13.24			10
TENSILE(after jacket aging)	13.02			10
ELONGATION(amount of changes)	-5.44			±20
TENSILE (amount of changes)	-1.66			±20

Long Term Res . To DC Voltage 4.8kv	No crack	No crack
Cable mark : ETEMAD CABLE ALBORZ CO.2x1.5 mm ² NYMHY 300/500V (607 INSO 53) 6663422956 MADE IN IRAN		
شماره پیامک اصالت کالا 10001517		