

ROUTINE TEST

LV Power & Control Cables

Type & Size: 2x10 NYMHY

Customer :

Cable Elements	Results			Standard Value
Conductor:	CU-CLASS 5			CU-CLASS 5
Conductor (N0*Dia):	150 x 0.280			≤0.41
Conductor Resistance (Ω / km) At 20 °c (MAX)	1.90			1.91
Insulation:	Min	Mean	Max	
Thickness:	1.00	1.05	1.10	1.00
Nominal Diameter:	6.00	6.10	6.20	
Color Insulation	Black-Blue			Black-Blue
Insulation material	PVC-A			PVC-A
Volumetric resistance 70°C	5.70x10 ⁻¹⁰			10 ⁻¹⁰
Sheath	Min	Mean	Max	
Sheath (Thickness)	1.40	1.45	1.50	بصره :هر طرف کمتر از 24. نباید
Overall Diameter	15.00	15.10	15.20	
Jacket material	PVC-ST1			PVC-ST1
ELONGATION(Before Insulation aging)	251			150
ELONGATION (after Insulation aging)	239			150
TENSILE (Before Insulation aging)	13.60			12.5
TENSILE(after Insulation aging)	13.27			12.5
ELONGATION(amount of changes)	-4.78			±25
TENSILE (amount of changes)	-2.42			±25
ELONGATION(Before jacket aging)	234			150
ELONGATION (after jacket aging)	221			150
TENSILE (Before jacket aging)	14.87			12.5
TENSILE(after jacket aging)	14.60			12.5
ELONGATION(amount of changes)	-5.55			±25
TENSILE (amount of changes)	-1.81			±25

Long Term Res . To DC Voltage 8.4kv	No crack	No crack
Cable mark : ETEMAD CABLE CO.2x10mm ² NYMHY INSO 3569-1(0.6-1kv) 6668434966 MADE IN IRAN		
شماره پیامک اصالت کالا 10001517		