



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Cable 3 x 120+70 NYRY

Cable Layer Construction	CU , PVC , Pet-Tape , PVC , SWA , Pet-Tape , PVC			LV
Applicable Standard(s)	IEC 60502-1 & ISIRI 3569-1 & ISIRI 3084			
Description			Unit	Specification
Conductor	Material		****	Plain Annealed Copper
	Type		****	Stranded (Class 2) SM
	Nominal Cross Section	L	mm ²	3 x 120
		N	mm ²	1 x 70
		N	mm ²	0
	Number & Dia of Wire	L	no * mm	37 x 2.06
		N	no * mm	19 x 2.14
		PE	no * mm	0
Shape		****	Sector	
Insulation	Material		****	Extruded PVC
	Thickness	L	mm	1.6
		N	mm	1.4
		PE	mm	0.0
Colour		****	Black, Yellow, Red, N: Blue	
Core Wrap	Material		****	Polyester Tape
Bedding	Material		***	Extruded PVC
	Thickness		mm	1.2
Armoured	Material		****	Galvanized Steel Wire
	Nunmber & Dia of Wire		mm	45 x 2.5
Core Wrap	Material		****	Polyester Tape
Sheath	Material		****	Extruded PVC
	Thickness		mm	2.4
	Colour		****	Black
Approx. overall diameter of cable			mm	47
Approx. Weight of cable			Kg/km	6810
Packing			****	Drum
Rated Voltage U0/U (Um)			Kv	0.6 / 1 (1.2)
System Frequency			Hz	50
DC conductor resistant At 20 °C		Phase	Ω/ Km	0.153
		Null		0.268
Short circuit withstand current / time5s			KA	5.57
Cable Voltage test			KV	4
Max.Short circuit withstand current temperature			°C	+ 160
Operation temperature			°C	-30 to +70
Special Proerties		Flame Retardant		IEC 60332-1-2
(افشار نژاد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NYRY 3x120+70 mm2 SM MADE IN IRAN CE				

Shafiei