



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Cable 1 x 120 (N)YRY			
Cable Layer Construction	CU , PVC , PVC , AWA , 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) (RM)
	Nominal Cross Section	mm ²	1 x 120
	Number & Dia of Wire	no * mm	37 x 2.0
	Shape	****	Round
Insulation	Material	****	Extruded PVC
	Thickness	mm	1.6
	Colour	****	Black
Bedding	Material	****	Extruded PVC
	Thickness	mm	1.2
Armoured	Material	****	Aluminium Wire
	Nunber & Dia of Wire	mm	39 x 1.6
Core Wrap	Material	****	Polyester Tape
Outer Sheath	Material	****	Extruded PVC
	Thickness	mm	1.8
	Colour	****	Black
Approx. overall diameter of cable		mm	26.90
Approx. Weight of cable		Kg/k	1750
Packing		****	Drum
Rated Voltage U0/U (Um)		Kv	0.6/1 (1.2)
System Frequency		Hz	50
DC conductor resistant At 20 °C		Ω/ Km	0.153
Cable Voltage test		KV	4
Max.Short circuit withstand current temperature		°C	+ 160
Operation system		°C	-30 to +70
Special Proerties		Flame Retardant	IEC 60332-1-2
KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NYRY 1x120 mm2 RM MADE IN IRAN CE (افشار زاده)			

Shafiei