



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co.**



**Cable 1 x 120 (NA)2XY**

Cable Layer Construction		AL / XLPE / PVC		LV	
Applicable Standard(s)		IEC 60502-1 & ISIRI 3569-1 & ISIRI 3084			
R	Description		Unit	Specification	
1	CONDUCTOR	AL	Material	****	Aluminum
			Type	****	Stranded ( Class 2 ) RM
			Nominal Cross Section Phase	mm <sup>2</sup>	1 x 120
			Number & Dia of Wire Phase	no * mm	37 x 1.99
			Shape	****	ROUND
2	INSULATION	XLPE	Material	****	Extruded XLPE
			Thickness Phase	mm	1.2
			Colour	****	Black
3	SHEATH	PVC	Material	****	Extruded PVC
			Thickness	mm	1.5
			Colour	****	Black
4	Approx. overall diameter of cable		mm	19.4	
5	Approx. Weight of cable		Kg/km	492	
6	Packing		****	Drum	
7	Rated Voltage U0/U ( Um)		Kv	0.6/1 (1.2)	
8	System Frequency		Hz	50	
9	DC conductor resistant At 20 °C		Ω/ Km	0.253	
10	Short circuit withstand current / time5s		KA	5	
11	Cable Voltage test		KV	4	
12	Max.Short circuit withstand current temperature		°C	+ 250	
13	Operation temperature		°C	-5 to +90	
14	Special Proerties		Flame Retardant	IEC 60332-1-2	

(افشارنژاد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NA2XY 1x120 mm2 RM MADE IN IRAN CE