



## TECHNICAL SPECIFICATION

## Khorasan Electric Ind. Co.



## Cable 1 x 150 (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 150
			Number & Dia of Wire Phase	no * mm	37 x 2.19
		Shape	****	ROUND	
2	INSULATION	XLPE	Material	****	Extruded XLPE
			Thickness Phase	mm	1.4
			Colour	****	Black
3	SHEATH	PVC	Material	****	Extruded PVC
			Thickness	mm	1.6
			Colour	****	Black
4	Approx. overall diameter of cable		mm	21.4	
5	Approx. Weight of cable		Kg/km	605	
6	Packing		****	Drum	
7	Rated Voltage U <sub>0</sub> /U ( U <sub>m</sub> )		Kv	0.6/1 (1.2)	
8	System Frequency		Hz	50	
9	DC conductor resistant At 20 °C		Ω/ Km	0.206	
10	Short circuit withstand current / time5s		KA	6.2	
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	

KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NA2XY 1x150 mm2 RM MADE IN IRAN CE (افشارنژاد)

Shafiei