



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co.**



**Cable 3 x 95+50 (NA)2XY**

Cable Layer Construction		AL / XLPE / Pet-tape / 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) SM	
			Nominal Cross Section	L	mm <sup>2</sup>	3 x 95
				N	mm <sup>2</sup>	1 x 50
				PE	mm <sup>2</sup>	0
			No & Dia of Wire	L	mm	19 x 2.52
				N	mm	19 x 1.78
PE	mm	0				
Shape	****	SECTOR				
2	INSULATION	XLPE	Material	****	Extruded XLPE	
			Thickness	L	mm	1.1
				N	mm	1.0
Colour	****	Yellow,Red,Black,N:Blue				
3	CORE WRAP	PET	Material	****	Mylar	
4	SHEATH	PVC	Material	****	Extruded PVC	
			Thickness	mm	2.1	
			Colour	****	Black	
5	Approx. overall diameter of cable			mm	33.8	
6	Approx. Weight of cable			Kg/km	1,403	
7	Packing			****	Drum	
8	Rated Voltage U0/U (Um)			Kv	0.6/1 (1.2)	
9	System Frequency			Hz	50	
10	DC conductor resistant At 20 °C			Phase	Ω/ Km	0.320
				Null		0.641
11	Short circuit withstand current / time5s			KA	3.9	
12	Cable Voltage test			KV	4	
13	Max.Short circuit withstand current temperature			°C	+ 250	
14	Operation temperature			°C	-5 to +90	
15	Special Proerties			Flame Retardant	IEC 60332-1-2	

(افشارنژاد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NA2XY-O 3x95/50 mm2 SM MADE IN IRAN CE