



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Cable 3 x 50+25 (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 ²	3 x 50
				N	mm ²	1 x 25
				PE	mm ²	0
			No & Dia of Wire	L	mm	19 x 1.78
				N	mm	7 x 2.09
PE	mm	0				
Shape	****	SECTOR				
2	INSULATION	XLPE	Material	****	Extruded XLPE	
			Thickness	L	mm	1.0
				N	mm	0.9
Colour	****	Yellow,Red,Black,N:Blue				
3	CORE WRAP	PET	Material	****	Mylar	
4	SHEATH	PVC	Material	****	Extruded PVC	
			Thickness	mm	1.8	
			Colour	****	Black	
5	Approx. overall diameter of cable			mm	26	
6	Approx. Weight of cable			Kg/km	793	
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	0.641
				Null		1.20
11	Short circuit withstand current / time5s			KA	2.1	
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 3x50/25 mm2 SM MADE IN IRAN CE