



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Cable 2 x 16 (NA)2XY

Cable Layer Construction	AL / XLPE / PVC / 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	L	mm <sup>2</sup>	1 x 16
				N	mm <sup>2</sup>	1 x 16
				PE	mm <sup>2</sup>	0
			Number & Dia of Wire	L	no * mm	7 x 1.66
				N	no * mm	7 x 1.66
PE	no * mm	0				
Shape	****	ROUND				
2	INSULATION	XLPE	Material	****	Extruded XLPE	
			Thickness	L	mm	0.7
				N	mm	0.7
Colour	****	Black,N:Blue				
3	FILLER	PVC	Material	****	Extruded PVC	
			Thickness	mm	1.0	
4	SHEATH	PVC	Material	****	Extruded PVC	
			Thickness	mm	1.8	
			Colour	****	Black	
5	Approx. overall diameter of cable			mm	18.4	
6	Approx. Weight of cable			Kg/km	442	
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	1.91	
			Null			
11	Short circuit withstand current / time5s			KA	0.65	
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		

(افشار مشهد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NA2XY-O 2x16 mm2 RM MADE IN IRAN CE