



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Cable 5 x 1.5 (N)YY-J (300-500v)

Cable Layer Construction		CU / PVC / PVC		LV		
Applicable Standard(s)		Khorasan Electric Ind. Co.				
R	Description			Unit	Specification	
1	Conductor	CU	Material	****	Plain Annealed Copper	
			TYPE	****	Solid ( Class 1 ) RE	
			Nominal Cross Section	L	mm <sup>2</sup>	3 x 1.5
				N	mm <sup>2</sup>	1 x 1.5
				PE	mm <sup>2</sup>	1 x 1.5
			Number & Dia of Wire Phase	L	no * mm	1 x 1.37
				N	no * mm	1 x 1.37
PE	no * mm	1 x 1.37				
Shape	****	ROUND				
2	Insulation	PVC	Material	****	Extruded PVC	
			Thickness	L	mm	0.7
				N	mm	0.7
				PE	mm	0.7
Colour	****	Earth,Red,Yellow,Black,N:Blue				
3	Outer Sheath	PVC	Material	****	Extruded PVC	
			Thickness	mm	1.1	
			Colour	****	White	
4	Approx. overall diameter of cable			mm	9.7	
5	Approx. Weight of cable			Kg/km	163	
6	Packing			****	Drum	
7	Rated Voltage U0/U ( Um)			V	300 / 500	
8	System Frequency			Hz	50	
9	DC conductor resistant At 20 °C	Phase	Null	Ω/ Km	12.1	
10	Short circuit withstand current / time5s			KA	0.1	
11	Cable Voltage test			KV	4	
12	Max.Short circuit withstand current temperature			°C	+ 160	
13	Operation temperature			°C	-30 to +70	
14	Special Proerties		Flame Retardant		IEC 60332-1-2	

(افشارزاد) KHORASAN ELECTRIC IND.CO 300/500 NYY-J 5x1.5 mm2 UV Resistant RE MADE IN IRAN CE