TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.

Cable 4 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	mm²	3 x 1.5
				N	mm²	1 x 1.5
				PE	mm²	0
			Nunmber & Dia of Wire Phase	L	no * mm	1 x 1.37
				N	no * mm	1 x 1.37
				PE	no * mm	0
			Shape		****	ROUND
2	Insulation	PVC	Material		****	Extruded PVC
			Thickness	L	mm	0.7
				N	mm	0.7
				PE	mm	0.0
			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	8.93
5	Approx. Weight of cable				Kg/km	136
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	Ω/ Km	12.1
				Null		
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

(افشارنژاد) KHORASAN ELECTRIC IND.CO 300/500 NYY-J 4x1.5 mm2 UV Resistant RE MADE IN IRAN CE

Shafiei