



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co**



Cable 3 x 1.5 (N)YSLCY						
Cable Layer Construction		CU , PVC , Al-Pet , CWB , PVC		LV		
Standard Matching		IEC 60227-7 , DIN VDE 0245				
R	Description			Unit	Specification	
1	Conductor	CU	Material	***	Plain Annealed Copper	
			Conductor Type	***	Flexible (Class 5) RF	
			Nominal Cross Section	L	mm <sup>2</sup>	1 x 1.5
				N	mm <sup>2</sup>	1 x 1.5
				PE	mm <sup>2</sup>	1 x 1.5
			Number & diameter of wire	L	no * mm	30 x 0.24
				N	no * mm	30 x 0.24
PE	no * mm	30 x 0.24				
Shape	***	Round				
2	Insulation	PVC	Material	***	Extruded PVC	
			Thickness	L	mm	0.7
				N	mm	0.7
				PE	mm	0.7
Colour	***	PH: Black,Earth,N:Blue				
3	Wrapping	AL-Pet	Material	***	Polyester Tape	
			Thickness	mm	0.036	
			Material	***	Aluminum	
			Thickness	mm	0.036	
4	Shield	CWB	Material	***	Annealed Copper	
			Number & diameter of wires	mm	24 x 6 x 0.12	
5	Outer Sheath	PVC	Material	***	Extruded PVC	
			Thickness	mm	1.1	
			Colour	****	Gray	
6	Approx. overall diameter of cable			mm	8.72	
7	Approx. Weight of cable			Kg /km	108	
8	Packing			****	Drum	
9	Rated Voltage U0 / U(Um)			V	300 / 500	
10	System Frequency			Hz	50	
11	Max conductor resistance At 20° C			Ω/ Km	13.30	
12	Short circuit withstand current / time5s			KA	0.2	
13	Cable Voltage test			KV	2	
14	Max.Short circuit withstand current temperature			°C	+ 160	
15	Operation temperature			°C	-30 to +70	
(افشارنژاد) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 3x1.5 mm RF FLEXIBLE MADE IN IRAN CE						

Shafiei