



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co**



Cable 5 x 1 (N)YSLCY						
Cable Layer Construction		CU , PVC , Al-Pet , CWB , PVC				
Standard Matching		IEC 60227-7 , DIN VDE 0245				
R	Description		Specification			
1	Conductor	CU	Material	*** Plain Annealed Copper		
			Conductor Type	*** Flexible (Class 5) RF		
			Nominal Cross Section	L	mm <sup>2</sup>	3 x 1
				N	mm <sup>2</sup>	1 x 1
				PE	mm <sup>2</sup>	1 x 1
			Number & diameter of wire	L	no * mm	32 x 0.19
				N	no * mm	32 x 0.19
PE	no * mm	32 x 0.19				
Shape	***	Round				
2	Insulation	PVC	Material	*** Extruded PVC		
			Thickness	L	mm	0.6
				N	mm	0.6
				PE	mm	0.6
Colour	Blue,Red,Brown,Earth,Black					
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	Overall diameter of cable ( Approx )		mm	9.3		
7	Approx. Weight of cable ( Approx )		Kg /km	131		
8	Packing		****	Drum		
9	Rated Voltage U0 / U(Um)		V	300 / 500		
10	System Frequency		H z	50		
11	Max conductor resistance At 20° C		Ω/ K m	19.50		
12	Short circuit withstand current / time5s		K A	0.2		
13	Cable Voltage test		K V	2		
14	Max.Short circuit withstand current temperature		°C	+ 160		
15	Operation temperature		°C	-30 to +70		

(افشار نژاد) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 5x1 mm RF FLEXIBLE MADE IN IRAN CE