



TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co**



Cable 2 x 2.5 (N)YSLCY						
Cable Laye C onstruction		CU , PVC, Al-Pet , CWB , PVC			LV	
S tandard Matching		IEC 60227-7 , DIN VDE 0245				
R	D e s c r i p t i o n			U n i t	S p e c i f i c a t i o n	
1	Conductor	CU	Material		***	Annealed Copper
			Conductor Type		***	Flexible (Class 5) RF
			Nominal Cross Section	L	mm <sup>2</sup>	1 x 2.5
				N	mm <sup>2</sup>	1 x 2.5
				PE	mm <sup>2</sup>	0
			Number & diameter of wire	L	no * mm	50 x 0.24
				N	no * mm	50 x 0.24
PE	no * mm	0				
Shape		***	Round			
2	Insulation	PVC	Material		***	Extruded PVC
			Thickness	L	mm	0.8
				N	mm	0.8
				PE	mm	0.0
Colour		***	PH: Black , 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
			Colour		****	Gray
6	Approx. overall diameter of cable			mm	9.6	
7	Approx. Weight of cable			Kg /km	117	
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	7.98	
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	+ 70	

(افشارنژاد) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 2x2.5 mm RF FLEXIBLE MADE IN IRAN CE