



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co



Cable 2 x 1 (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	***	Annealed Copper	
			Conductor Type	***	Flexible (Class 5) RF	
			Nominal Cross Section	L	mm ²	1 x 1
				N	mm ²	1 x 1
				PE	mm ²	0
			Number & Diameter of wires	L	no * mm	32 x 0.19
				N	no * mm	32 x 0.19
PE	no * mm	0				
Shape	***	Round				
2	Insulation	PVC	Material	***	Extruded PVC	
			Thickness	L	mm	0.6
				N	mm	0.6
				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	16 x 6 x 0.12	
5	Outer Sheath	PVC	Material	***	Extruded PVC	
			Thickness	mm	1	
			Colour	****	Gray	
6	Approx. overall diameter of cable			mm	7.35	
7	Approx. Weight of cable			Kg /km	70	
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	19.50	
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	
(افشار نژاد) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 2x1 mm RF FLEXIBLE MADE IN IRAN CE						