



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co



Cable 3 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 ²	1 x 1
				N	mm ²	1 x 1
				PE	mm ²	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	***	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	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	7.74		
7	Approx. Weight of cable		Kg /km	85		
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 ترازو) KHORASAN ELECTRIC IND.CO 300 /500 (N)YSLCY 3x1 mm RF FLEXIBLE MADE IN IRAN CE