

TECHNICAL SPECIFICATION

**Khorasan Electric Ind. Co**



**Cable 2 x 1.5 Fire Alarm**

Cable Layer Construction		CU . XLPE . SC . LSHF			LV		
Standard Matching		Khorasan Electric					
R	Description				Unit	Specification	
1	Conductor	CU	Material		***	Annealed Copper	
			Conductor Type		***	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>	0	
			Number & Diameter of Wires	L	no * mm	30 x 0.24	
				N	no * mm	30 x 0.24	
PE	no * mm	0					
Shape		***	Round				
2	Insulation	XLPE	Material		***	Extruded XLPE	
			Thickness	L	mm	0.7	
				N	mm	0.7	
				PE	mm	0.0	
Colour		***	L: Black , N:Blue				
4	Wrapping	SC	Material		***	Polyester Tape	
			Thickness		mm	0.036	
			Material		***	Aluminum	
			Thickness		mm	0.036	
5	Shield	SC	Material		***	Annealed Copper	
Number & diameter of wires			mm	16 x 6 x 0.12			
6	Outer Sheath	LSHF	Material		***	Extruded LSHF	
			Thickness		mm	1	
			Colour		***	Red	
7	Special Properties	Standard	Low Smoke			IEC 61034	
			Flame Retardant			IEC 60332-1-2	
			Halogen Acid Gas			IEC 60754-1,2	
8	Approx. overall diameter of cable				mm	8.3	
9	Approx. Weight of cable				Kg /k	80	
10	Packing				***	Drum	
11	Rated Voltage U0 / U(Um)				KV	300 / 500	
12	System Frequency				Hz	50	
13	Max conductor resistance At 20° C				Phase	Ω/ Km	13.30
					Null		
14	Short circuit withstand current / time5s				KA	0.2	
15	Cable Voltage test				KV	2	
16	Max.Short circuit withstand current temperature				°C	+ 250	
17	Operation temperature				°C	-30 to +90	

(افشار نژاد) KHORASAN ELECTRIC IND.CO 300/500V CU/XLPE/SC/LSHF 2x1.5 mm<sup>2</sup> RF FLEXIBLE MADE IN IRAN