

TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co



Cable 2 x 1.5 Fire Resistant

Cable Layer Construction		CU . MGT. XLPE . SC . LSHF			LV		
Standard Matching		IEC 60502-1 , ISIRI 3569-1					
R	Description				Unit	Specification	
1	Conductor	CU	Material		***	Annealed Copper	
			Conductor Type		***	(Class 5) RF	
			Nominal Cross Section	L	mm ²	1 x 1.5	
				N	mm ²	1 x 1.5	
				PE	mm ²	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	Fire Barrier	MGT	Material		***	Mica Glass tape	
			Thickness		mm	0.12	
3	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		Material		***	Annealed Copper	
			Number & diameter of wires		mm	16 x 6 x 0.12	
6	Outer Sheath	LSHF	Material		***	Extruded LSHF	
			Thickness		mm	1.8	
			Colour		***	Red	
7	Special Properties	Standard	Low Smoke			IEC 61034	
			Flame Retardant			IEC 60332-1-2	
			Fire Resistant			IEC 60331-21	
			Halogen Acid Gas			IEC 60754-1,2	
8	Approx. overall diameter of cable				mm	10.85	
9	Approx. Weight of cable				Kg /k	133	
10	Packing				***	Drum	
11	Rated Voltage U0 / U(Um)				KV	0.6 / 1 (1.2)	
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	
(افشارنژاد) KHORASAN ELECTRIC IND.CO fire resistan 0.6/1KV CU/MGT/XLPE/SC/LSHF IEC 60331-21 , 750°C 120 min 2 x 1.5 mm ² RF FLEXIBLE MADE IN IRAN							