



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Cable 5 x 10 NYRY

Cable Layer Construction	CU , PVC , PVC , SWA , Pet-Tape , PVC			LV
Applicable Standard(s)	IEC 60502-1 & ISIRI 3569-1 & ISIRI 3084			
Description			Unit	Specification
Conductor	Material		****	Plain Annealed Copper
	Type		****	Stranded (Class 2) RM
	Nominal Cross Section	L	mm ²	3 x 10
		N	mm ²	1 x 10
		PE	mm ²	1 x 10
	Number & Dia of Wire	L	no * mm	7 x 1.33
		N	no * mm	7 x 1.33
		PE	no * mm	7 x 1.33
Shape		****	Round	
Insulation	Material		****	Extruded PVC
	Thickness	L	mm	1.0
		N	mm	1.0
		PE	mm	1.0
Colour		Green:Yellow ,Black,Yellow, Red,N:Blue		
Bedding	Material		****	Extruded PVC
	Thickness		mm	1.2
Armoured	Material		****	Galvanized Steel Wire
	Nunumber & Dia of Wire		mm	36 x 1.6
Core Wrap	Material		****	Polyester Tape
Outer Sheath	Material		****	Extruded PVC
	Thickness		mm	1.8
	Colour		****	Black
Approx. overall diameter of cable			mm	26
Approx. Weight of cable			Kg/km	1625
Packing			****	Drum
Rated Voltage U0/U (Um)			Kv	0.6/1 (1.2)
System Frequency			Hz	50
DC conductor resistant At 20 °C		Phase	Ω/ Km	1.83
		Null		1.83
Short circuit withstand current / time5s			KA	0.6
Cable Voltage test			KV	4
Max.Short circuit withstand current temperature			°C	+ 160
Operation temperature			°C	-30 to +70
Special Proerties		Flame Retardant		IEC 60332-1-2
(افشار نژاد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6/1KV NYRY 5x10 mm2 RM MADE IN IRAN CE				

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Shafiei