



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 5 x 6 (N)YMHY

P.V.C - insulated & Sheathed, Multi-Core Cable with Flexible Conductor Type NYMHY, 450/750 V ACC(ISIRI 607-6)

Cable Layer Construction

CU , PVC , PVC

LV

Applicable Standard(s)

IEC 60227 & ISIRI 607-6 & IEC 60228

Description		Unit	Specification		
CONDUCTOR	CU	Material	**** Plain Annealed Copper		
		TYPE	**** Flexible (Class 5) RF		
		No. of core & Conductor Area	L	no (mm ²)	3 x 6
			N		1 x 6
			PE		1 x 6
		No & Dia of Wire	L	no (mm)	84 x 0.29
			N		84 x 0.29
PE	84 x 0.29				
Shape	****	ROUND			
INSULATION	PVC	Material	**** Extruded PVC		
		Thickness	L	0.8	
			N	0.8	
			PE	0.8	
Colour	L:Black,Brown,Red,N:Blue,PE:Green:Yellow				
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.5	
		Colour	****	Black	
Overall diameter (Approx.)		mm	15.71		
Cable Weight (Approx.)		Kg / km	472		
Packing		****	Drum		
Rated Voltage U ₀ /U (Um)		V	450/750		
System Frequency		Hz	50		
DC conductor resistant At 20 °C		Ω/ Km	3.3		
Conductor Short Circuit Current (1 Sec)		KA	0.666		
Test voltage		KV	2		
Max.Short circuit withstand current temperature		°C	+ 160		
Operation temperature		°C	- 30 to +70		
Special Proerties		Flame Retardant	IEC 60332-1-2		