



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Power Cable 4 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	3 x 6
			N	no (mm <sup>2</sup> ) 1 x 6
			PE	0
		No & Dia of Wire	L	84 x 0.29
			N	no (mm) 84 x 0.29
PE	0			
Shape	****	ROUND		
INSULATION	PVC	Material	**** Extruded PVC	
		Thickness	L	0.8
			N	mm 0.8
			PE	0.0
Colour	L:Black, Yellow, Red, N:Blue			
Outer Sheath	PVC	Material	**** Extruded PVC	
		Thickness	mm 1.4	
		Colour	**** Black	
Overall diameter ( Approx. )		mm	14.15	
Cable Weight ( Approx. )		Kg / km	380	
Packing		****	Drum	
Rated Voltage U <sub>0</sub> /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	