



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Power Cable 2 x 6 (N)YMHY

P.V.C - insulated & Sheathed, Multi-Core Cable with Flexible Conductor Type NYMHY, 450/750 V ACC( ISIRI 607)71C

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 <sup>2</sup> )	1 x 6
			N		1 x 6
			PE		0
		No & Dia of Wire	L	no (mm)	84 x 0.29
			N		84 x 0.29
PE	0				
Shape		****	ROUND		
INSULATION	PVC	Material	**** Extruded PVC		
		Thickness	L	0.8	
			N	0.8	
			PE	0.0	
Colour		****	L:Black , N:Blue		
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.3	
		Colour	****	Black	
Overall diameter ( Approx. )		mm	12.02		
Cable Weight ( Approx. )		Kg / km	250		
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		

(افشار مشهد) KHORASAN ELECTRIC IND.CO ISIRI(607)71C 6950489946 450/750 V NYMHY 2x6 mm<sup>2</sup> MADE IN IRAN CE