



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 3 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 ²)	1 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	mm	0.8
			N		0.8
			PE		0.8
Colour	L:Black,N:Blue,PE:Green:Yellow				
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.4	
		Colour	****	Black	
Overall diameter (Approx.)		mm	12.93		
Cable Weight (Approx.)		Kg / km	308		
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		

(افشارنژاد) KHORASAN ELECTRIC IND.CO ISIRI(607)71C 6950489946 450/750 V NYMHY 3x6 mm2 MADE IN IRAN CE