



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Power Cable 3 x 1 (N)YMHY

P.V.C - insulated & Sheathed, Multi-Core Cable with Flexible Conductor Type NYMHY, 300/500 V ACC (ISIRI 607-5) H05VV-F

Cable Layer Construction **CU , PVC , PVC** **LV**

Applicable Standard(s) IEC 60227 & ISIRI 607-5 & 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 1
			N		1 x 1
			PE		1 x 1
		No & Dia of Wire	L	no (mm)	32 x 0.19
			N		32 x 0.19
PE	32 x 0.19				
Shape		****	ROUND		
INSULATION	PVC	Material	**** Extruded PVC		
		Thickness	L	0.6	
			N	0.6	
			PE	0.6	
Colour		L:Black , N:Blue,PE:Green:Yellow			
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	0.8	
		Colour	****	Black	
Overall diameter ( Approx. )		mm	6.89		
Cable Weight ( Approx. )		Kg / km	76.18		
Packing		****	Drum		
Rated Voltage U <sub>0</sub> /U (Um)		V	300 / 500		
System Frequency		Hz	50		
DC conductor resistant At 20 °C		Ω/ Km	19.5		
Conductor Short Circuit Current ( 1 Sec )		KA	0.111		
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)53 6950387946 H05VV-F 300/500 V NYMHY 3x1 mm2 MADE IN IRAN CE