



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



Power Cable 5 x 2.5 (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> )	3 x 2.5
			N		1 x 2.5
			PE		1 x 2.5
		No & Dia of Wire	L	no (mm)	50 x 0.24
			N		50 x 0.24
PE	50 x 0.24				
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	1.2	
		Colour	****	Black	
Overall diameter ( Approx. )		mm	12.04		
Cable Weight ( Approx. )		Kg / km	247		
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	7.98		
Conductor Short Circuit Current ( 1 Sec )		KA	0.278		
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 نژاد) KHORASAN ELECTRIC IND.CO ISIRI(607)53 6950387946 H05VV-F 300/500 V NYMHY 5x2.5 mm2 MADE IN IRAN CE