



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



Power Cable 4 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> )	3 x 1
			N		1 x 1
			PE		0
		No & Dia of Wire	L	no (mm)	32 x 0.19
			N		32 x 0.19
PE	0				
Shape	****	ROUND			
INSULATION	PVC	Material	****	Extruded PVC	
		Thickness	L	0.6	
			N	0.6	
			PE	0.0	
Colour	L:Black, Yellow, Red, N:Blue				
Outer Sheath	PVC	Material	****	Extruded PVC	
		Thickness	mm	0.9	
		Colour	****	Black	
Overall diameter ( Approx. )		mm	7.7		
Cable Weight ( Approx. )		Kg / km	96		
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 4x1 mm2 MADE IN IRAN CE