



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 3 x 4 (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	Material	****	Plain Annealed Copper	
	TYPE	****	Flexible (Class 5) RF	
	No. of core & Conductor Area	L	no (mm ²)	1 x 4
		N		1 x 4
		PE		1 x 4
	No & Dia of Wire	L	no (mm)	56 x 0.29
		N		56 x 0.29
PE		56 x 0.29		
Shape	****	ROUND		
INSULATION	Material	****	Extruded PVC	
	Thickness	L	0.8	
		N	0.8	
		PE	0.8	
Colour	L:Black,N:Blue,PE:Green:Yellow			
Outer Sheath	Material	****	Extruded PVC	
	Thickness	mm	1.3	
	Colour	****	Black	
Overall diameter (Approx.)		mm	11.5	
Cable Weight (Approx.)		Kg / km	229.45	
Packing		****	Drum	
Rated Voltage U ₀ /U (Um)		V	300 / 500	
System Frequency		Hz	50	
DC conductor resistant At 20 °C		Ω/ Km	4.95	
Conductor Short Circuit Current (1 Sec)		KA	0.444	
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 3x4 mm2 MADE IN IRAN CE