



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 2 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	CU	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		0
		No & Dia of Wire	L	no (mm)	56 x 0.29
			N		56 x 0.29
PE			0		
Shape	****	ROUND			
INSULATION	PVC	Material	**** Extruded PVC		
		Thickness	L	mm	0.8
			N		0.8
			PE		0.0
Colour	****	L:Black , N:Blue			
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.3	
		Colour	****	Black	
Overall diameter (Approx.)		mm	10.9		
Cable Weight (Approx.)		Kg / km	190		
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 2x4 mm2 MADE IN IRAN CE