



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 3 x 10 (N)YY-J

P.V.C - insulated & Sheathed, Multi-Core Cable with Conductor Type NYY, 0.6/1 KV ACC(INSO 3569-1)

Cable Layer Construction	CU , PVC , PVC , PVC		LV		
Applicable Standard(s)	IEC 60502-1 & INSO 3569-1 & IEC 60228 & DIN VDE 0271				
Description		Unit	Specification		
CONDUCTOR	CU	Material	**** Plain Annealed Copper		
		TYPE	**** Solid (Class 1) RE		
		No.of core & Conductor Area	L	no (mm ²)	1 x 10
	N		1 x 10		
	PE		1 x 10		
	No & Dia of Wire	L	no (mm)	1 x 3.52	
		N		1 x 3.52	
PE		1 x 3.52			
Shape	****	ROUND			
INSULATION	PVC	Material	**** Extruded PVC		
		Thickness	L	mm	1.0
			N		1.0
	PE		1.0		
Colour	L:Black,N:Blue,PE:Green;Yellow				
Filler	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.0	
Outer Sheath	PVC	Material	**** Extruded PVC		
		Thickness	mm	1.8	
		Colour	****	Black	
Overall diameter (Approx.)		mm	17.5		
Cable Weight (Approx.)		Kg / km	599		
Packing		****	Drum		
Rated Voltage Uo/U (Um)		KV	0.6 / 1 (1.2)		
System Frequency		Hz	50		
DC conductor resistant At 20 °C		Ω/ Km	1.83		
Conductor Short Circuit Current (1 Sec)		KA	1.11		
Test voltage		KV	4		
Max.Short circuit withstand current temperature		°C	+ 160		
Operation temperature		°C	- 30 to +70		
Special Proerties		Flame Retardant	IEC 60332-1-2		

(افشار انرژی) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6 /1KV NYY-J 3x10 mm2 RE MADE IN IRAN CE

CU	Copper	PET	Polyester Tape	CWC+CT	Concentric Copper Wire Conductor+Copper Tape
TiCu	Tinned Copper	Al-PET	Aluminum Polyester Tape	CWS+CT	Concentric Copper Wire Screen+Copper Tape
MGT	Mica Glass Tape	CU-PET	Copper Polyester Tape	SWA	Steel Wire Armour
PVC	Polyvinyl Chloride	TDW	Tinned Drain Wire	SWB	Steel Wire Braid
PE	Polyethylene	CWB	Copper Wire Braid	DTA	Double Tape Armour
XLPE	Cross Linked Polyethylene	TCWB	Tinned Copper Wire Braid	LSPVC	Low Smoke PVC
SR	Silicone Rubber	OSCR	Overall Screen	LSFOH	Low Smoke Free Of Halogen