



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



Power Cable 3 x 35 (N)YY-O				
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	Material	****	Plain Annealed Copper	
		****	Stranded ( Class 2 ) RM	
	TYPE	no (mm <sup>2</sup> )	L	2 x 35
			N	1 x 35
			PE	0
	No & Dia of Wire	no (mm)	L	7 x 2.47
			N	7 x 2.47
PE			0	
Shape	****	ROUND		
INSULATION	Material	****	Extruded PVC	
		****	1.2	
	Thickness	L	1.2	
		N	0.0	
Colour	****	L:Black, Brown ,N:Blue		
Filler	Material	****	Extruded PVC	
		****	1.0	
Outer Sheath	Material	****	Extruded PVC	
		****	1.8	
	Colour	****	Black	
Overall diameter ( Approx. )		mm	27.01	
Cable Weight ( Approx. )		Kg / km	1,645	
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	0.524	
Conductor Short Circuit Current ( 1 Sec )		KA	3.89	
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 تراد) KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6 /1KV NYY-O 3x35 mm2 RM 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