



TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.



Power Cable 3 x 70+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 , Pet-Tape , 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		****	Stranded (Class 2) SM
		No.of core & Conductor Area	L	no (mm²)	3 x 70
			N		1 x 35
			PE		0
		No & Dia of Wire	L	no (mm)	19 x 2.16
			N		7 x 2.47
			PE		0
		Shape		****	Sector
		INSULATION	PVC	Material	
Thickness	L			mm	1.4
	N				1.2
	PE				0.0
Colour				****	L:Black,Yellow,Red,N:Blue
Core wrap	Pet-tape	Material		****	Polyester Tape
Outer Sheath	PVC	Material		****	Extruded PVC
		Thickness		mm	1.9
		Colour		****	Black
Overall diameter (Approx.)				mm	30.5
Cable Weight (Approx.)				Kg / km	2,700
Packing				****	Drum
Rated Voltage Uo/U (Um)				KV	0.6 / 1 (1.2)
System Frequency				Hz	50
DC conductor resistant At 20 °C			L	Ω/ Km	0.268
			N		0.524
Conductor Short Circuit Current (1 Sec)				KA	7.77
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
(افشارنژاد) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 /1KV NYY-O 3x70+35 mm2 SM MADE IN IRAN CE					

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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

Shafiei