TECHNICAL SPECIFICATION

Khorasan Electric Ind. Co.

افشارنژاد

Power Cable 1 x 70 (N)YY

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

Cable Layer Construction	CU , 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	****	Stranded (Class 2) RM
		No.of core & Conductor Area	no (mm²)	1 x 70
		No & Dia of Wire	no (mm)	19 x 2.11
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness	mm	1.4
		Colour	****	Black
Outer Sheath	PVC	Material	****	Extruded PVC
		Thickness	mm	1.5
		Colour	****	Black
Overall diameter (Approx.)			mm	16.35
Cable Weight (Approx.)			Kg / km	790
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	0.268
Condoctor 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 1x70 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

Shafiei