



TECHNICAL SPECIFICATION

Khhorasan Electric Ind. Co.



Power Cable 1 x 150 (N)YY Flexible

P.V.C - insulated & Sheathed, Single-Core Cable with Flexible Conductor Type NYY-F, 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	****	Flexible (Class 5) RF
		No.of core & Conductor Area	no (mm²)	1 x 150
		No & Dia of Wire	no (mm)	722 x 0.49
		Shape	****	ROUND
INSULATION	PVC	Material	****	Extruded PVC
		Thickness	mm	1.8
		Colour	****	Black
Outer Sheath	PVC	Material	****	Extruded PVC
		Thickness	mm	1.7
		Colour	****	Black
Overall diameter (Approx.)			mm	23.5
Cable Weight (Approx.)			Kg / km	1,585
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	0.129
Condoctor Short Circuit Current (1 Sec)			KA	16.7
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 شراد) KHORASAN ELECTRIC IND.CO INSO3569-1 6932568916 0.6 / 1KV 1x150 mm2 RF FLEXIBLE 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

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