



شرکت صنعتی الکتریک خراسان (سهامی خاص)

Khorasan Electric Ind. Co.

Power Cable 1 x 185 (N)YRY

PVC - Insulated & PVC- Sheathed , Single-Core Cable with Conductor Type NYRY, 0.6/1 KV ACC(ISIRI 3569-1)

Cable Layer Construction CU , PVC , PVC , AWA , Pet-Tape , PVC LV

Applicable Standard(s) IEC 60502-1 & ISIRI 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	1 x 185
		No & Dia of Wire	37 x 2.47
		Shape	Round
INSULATION	PVC	Material	Extruded PVC
		Thickness	2.0
		Colour	Black
Bedding	PVC	Material	Extruded PVC
		Thickness	1.2
Armoured	AWA	Material	Aluminium Wire Armour
		No & Dia of Wire	46 x 1.60
Core wrap	Pet-tape	Material	Polyester Tape
Outer Sheath	PVC	Material	Extruded PVC
		Thickness	1.9
		Colour	Black
Overall diameter (Approx.)		mm	31
Cable Weight (Approx.)		Kg / km	2,500
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	0.0991
Conductor Short Circuit Current (1 Sec)		KA	20.5
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
KHORASAN ELECTRIC IND.CO ISIRI3569-1 6932568916 0.6 /1KV NYRY 1x185 mm2 RM 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