



TECHNICAL SPECIFICATION

# Khorasan Electric Ind. Co.



## Power Cable 1 x 185 (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	Material	****	Plain Annealed Copper
	TYPE	****	Stranded ( Class 2 ) RM
	No.of core & Conductor Area	no (mm <sup>2</sup> )	1 x 185
	No & Dia of Wire	no (mm)	37 x 2.47
	Shape	****	ROUND
INSULATION	Material	****	Extruded PVC
	Thickness	mm	2.0
	Colour	****	Black
Outer Sheath	Material	****	Extruded PVC
	Thickness	mm	1.8
	Colour	****	Black
Overall diameter ( Approx. )		mm	25.06
Cable Weight ( Approx. )		Kg / km	2,016
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

(افشارزاد) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 / 1KV NYY 1x185 mm2 RM MADE IN IRAN CE

<b>CU</b> Copper	<b>PET</b> Polyester Tape	<b>CWC+CT</b> Concentric Copper Wire Conductor+Copper Tape
<b>TiCu</b> Tinned Copper	<b>Al-PET</b> Aluminum Polyester Tape	<b>CWS+CT</b> Concentric Copper Wire Screen+Copper Tape
<b>MGT</b> Mica Glass Tape	<b>CU-PET</b> Copper Polyester Tape	<b>SWA</b> Steel Wire Armour
<b>PVC</b> Polyvinyl Chloride	<b>TDW</b> Tinned Drain Wire	<b>SWB</b> Steel Wire Braid
<b>PE</b> Polyethylene	<b>CWB</b> Copper Wire Braid	<b>DTA</b> Double Tape Armour
<b>XLPE</b> Cross Linked Polyethylene	<b>TCWB</b> Tinned Copper Wire Braid	<b>LSPVC</b> Low Smoke PVC
<b>SR</b> Silicone Rubber	<b>OSCR</b> Overall Screen	<b>LSFOH</b> Low Smoke Free Of Halogen

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