



Khorasan Electric Ind. Co.



Power Cable 2 x 16 (N)YRY

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

Cable Layer Construction CU , PVC , PVC , SWA , 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) RM
		No.of core & Conductor Area	L	no (mm²)	1 x 16
			N		1 x 16
			PE		0
		No & Dia of Wire	L	no (mm)	7 x 1.68
			N		7 x 1.68
			PE		0
Shape		****	Round		
INSULATION	PVC	Material		****	Extruded PVC
		Thickness	L	mm	1.0
			N		1.0
			PE		0.0
		Colour		****	Black , Blue
Bedding	PVC	Material		****	Extruded PVC
		Thickness		mm	1.2
Armoured	SWA	Material		****	Galvanized Steel Wire Armour
		No & Dia of Wire		mm	33 x 1.60
Core wrap	Pet-tape	Material		****	Polyester Tape
Outer Sheath	PVC	Material		****	Extruded PVC
		Thickness		mm	1.8
		Colour		****	Black
Overall diameter (Approx.)			mm	23.55	
Cable Weight (Approx.)			Kg / km	1,300	
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	1.15	
		N		1.15	
Conductor Short Circuit Current (1 Sec)			KA	1.78	
Test voltage			KV	4	
Max.Short circuit withstand current temperature			°C	+ 160	
Operation temperature			°C	- 30 to +70	
Special Proertles			Flame Retardant	IEC 60332-1-2	
KHORASAN ELECTRIC IND.CO INSO3569-1 6932568916 0.6 /1KV NYRY-O 2x16 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