

Khorasan Electric Ind. Co.



Power Cable 3 x 6 (N)YRY

XLPE - Insulated & PVC- Sheathed , Multi-Core Cable with Conductor Type N2XRY, 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 6	
			N		1 x 6	
			PE		1 x 6	
		No & Dia of Wire	L	no (mm)	7 x 1.02	
			N		7 x 1.02	
			PE		7 x 1.02	
Shape		****	Round			
INSULATION	PVC	Material		****	Extruded PVC	
		Thickness	L	mm	1.0	
			N		1.0	
			PE		1.0	
		Colour		****	L:Black ,N:Blue,PE:Yellow;Green	
Bedding	PVC	Material		****	Extruded PVC	
		Thickness		mm	1.2	
Armoured	SWA	Material		****	Galvanized Steel Wire Armour	
		No & Dia of Wire		mm	33 x 1.25	
Core wrap	Pet-tape	Material		****	Polyester Tape	
Outer Sheath	PVC	Material		****	Extruded PVC	
		Thickness		mm	1.8	
		Colour		****	Black	
Overall diameter (Approx.)				mm	19.53	
Cable Weight (Approx.)				Kg / km	850	
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	3.08	
			N		3.08	
Conductor Short Circuit Current (1 Sec)				KA	0.666	
Test voltage				KV	4	
Max.Short circuit withstand current temperature				°C	+ 160	
Operation temperature				°C	- 5 to +70	
Special Proerties				Flame Retardant		IEC 60332-1-2
KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 /1KV NYRY-J 3x6 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	AI-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