

Khorasan Electric Ind. Co.



افشارنژاد

Power Cable 3 x 2.5 (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 2.5
			N		1 x 2.5
			PE		1 x 2.5
		No & Dia of Wire	L	no (mm)	7 x 0.67
			N		7 x 0.67
			PE		7 x 0.67
Shape		****	Round		
INSULATION	PVC	Material		****	Extruded PVC
		Thickness	L	mm	0.8
			N		0.8
			PE		0.8
		Colour		L: Black , N:Blue , PE:Yellow;Green	
Bedding	PVC	Material		****	Extruded PVC
		Thickness		mm	1.2
Armoured	SWA	Material		****	Galvanize Steel Wire Armour
		No & Dia of Wire		mm	27 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	16.62
Cable Weight (Approx.)				Kg / km	560
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	7.41
Condoctor Short Circuit Current (1 Sec)				KA	0.278
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 نژاد) KHORASAN ELECTRIC IND.CO INSO 3569-1 6932568916 0.6 / 1KV NYRY 3x2.5 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