



Khorasan Electric Ind. Co.



Power Cable 3 x 70+35 (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) SM
		No.of core & Conductor Area	L	no (mm²)	3 x 70
			N		1 x 35
			PE		0
		No & Dia of Wire	L	no (mm)	19 x 2.16
			N		7 x 2.47
			PE		0
		Shape		****	Sector
INSULATION	PVC	Material		****	Extruded PVC
		Thickness	L	mm	1.4
			N		1.2
			PE		0.0
		Colour		****	L:Black,Yellow,Red,N:Blue
Bedding	PVC	Material		****	Extruded PVC
		Thickness		mm	1.2
Armoured	SWA	Material		****	Galvanized Steel Wire Armour
		No & Dia of Wire		mm	45 x 2.0
Core wrap	Pet-tape	Material		****	Polyester Tape
Outer Sheath	PVC	Material		****	Extruded PVC
		Thickness		mm	2.1
		Colour		****	Black
Overall diameter (Approx.)				mm	36.67
Cable Weight (Approx.)				Kg / km	4,100
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	0.268
			N		0.524
Condoctor Short Circuit Current (1 Sec)				KA	7.77
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 ISIRI3569-1 6932568916 0.6 /1KV NYRY-O 3x70+35 mm2 SM MADE IN IRAN CE					

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