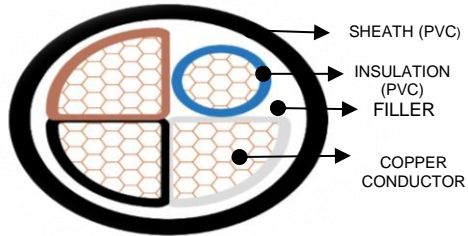




YVV / NYY / PP 00
Multi Core / Copper Conductor / PVC insulated / Filler / PVC Sheath
Low Voltage Energy Cable
Rated Voltage: Uo/U; 0,6 / 1 kV
Standard: TS IEC 60502-1 / IEC 60502 – 1 / HD 603 S1 / VDE 0276

INTEKAR GLOBAL Corporation



Technical Data		Cable Structure	
Core temperature, max.	70°C in Operation	Conductor	IEC 60228 Class 2
Max. Short Circuit Temperature	160°C / 5 sec.	Insulation	PVC IEC 60502-1
Bending Radius, min.	15 x D cable	Color of Insulation	Brown, Black, Grey, Blue
Max. Permissible Tensile	50 N / mm ²	Filler	IEC 60502-1
Rated current carrying capacity	One system	Sheath	PVC IEC 60502-1
		Color of Sheath	Black

Application

The power cables with insulation of PVC are designed for distribution and supply of consumers with nominal voltage 0,6/1 kV and frequency 50 Hz in industrial installation and urban networks. It is used in power centers, switchgear and industrial facilities, as the power cable in the distribution, in places where the risk of mechanical damage is high (outside, inside), underground and cable used in channels.

SM - multiwire sector shaped conductor

RM – multiwire round shaped conductor

DIMENSIONS AND WEIGHTS			ELECTRICAL PROPERTIES			
Number of cores x Nominal Cross Section	Conductor Shape	Cable Diameter (Approximately)	Length of Cable (Approximately)	Conductor DC Resistance at 20 °C	Rated current carrying capacity (A)	
					Under Ground 20 °C	In Air 30 °C
<i>No x mm²</i>	-	<i>mm</i>	<i>m</i>	<i>ohm/km</i>		
3x50 + 25	SM/RM	24,4	1000	0,387	185	159
3x70 + 35	SM/RM	27,4	1000	0,268	228	202
3x95 + 50	SM/RM	32,0	1000	0,193	275	244
3x120 + 70	SM/RM	35,0	500	0,153	313	282
3x150 + 70	SM/RM	38,8	500	0,124	353	324
3x185 + 95	SM/RM	43,2	500	0,0991	399	371
3x240 + 120	SM/RM	49,0	500	0,0754	464	436