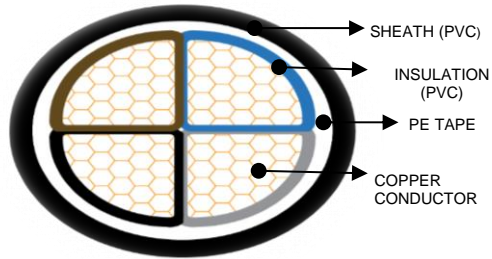




INTEKAR GLOBAL Corporation

YVV / NYY / PP 00
Multi Core / Copper Conductor / PVC insulated / PE Tape / 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



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	Sheath	PVC IEC 60502-1
Rated current carrying capacity	One system	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

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)	
No x mm ²	-	mm	m	ohm/km	Under Ground 20 °C	In Air 30 °C
4x50	SM	25,4	1000	0,387	185	159
4x70	SM	28,6	1000	0,268	228	202
4x95	SM	33,0	1000	0,193	275	244
4x120	SM	36,0	500	0,153	313	282
4x150	SM	40,4	500	0,124	353	324
4x185	SM	44,4	500	0,0991	399	371
4x240	SM	50,2	500	0,0754	464	436