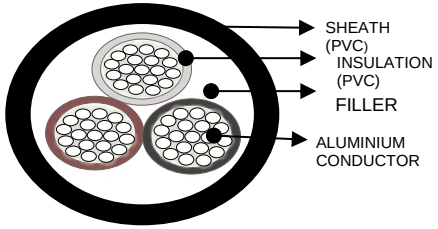
INTEKAR Cable	YAVV-R / NAYY / PP 00-A
	Three Cores / Aluminum Conductor / PVC insulated / Filler / PVC Sheath
	Low Voltage Energy Cable
	Rated Voltage: Uo/U; 0,6 / 1 kV
INTEKAR GLOBAL Corporation	Standard: TS IEC 60502-1 / IEC 60502 – 1 / HD 603 S1 / VDE 0276



RM – multiwire round shaped conductor

Technical Data	
Core temperature. max.	70°C in Operation
Max. Short Circuit Temperature	160°C / 5 sec.
Bending Radius. min.	15 x D cable
Max. Permessble Tensile	30 N/ mm²
Rated current carrying capacity	One system

Cable Structure	
Conductor	IEC 60228 Class 2
Insulation	PVC IEC 60502-1
Color of Insulation	Brown, Black, Grey
Filler	IEC 60502-1
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, as distribution cables, places where the risk of mechanical damage is high, outdoors, indoors,munderground or used in cable ducts.

DIMENSIONS AND WEIGHTS			ELECTRICAL PROPERTIES				
Number of cores x Nominal Cross Section	Conductor Shape	Outer Diameter of Cable (Approximately)	Weight of Cable (Approximately)	Length of Cable (Approximately)	Conductor DC Resistance at 20 °C	Rated current carrying capacity (A)	
No x mm²	–	*mm*	*kg/km*	*m*	*ohm/km*	Under Ground 20 °C	In Air 30 °C
3x16	RM	20,5	510	1000	1,91	70	65
3x25	RM	24,0	800	1000	1,20	99	83
3x35	RM	25,9	940	1000	0,868	120	102
3x50	RM	29,0	1200	1000	0,641	142	124
3x70	RM	33,5	1640	1000	0,443	176	158
3x95	RM	38,2	2150	1000	0,320	211	160
3x120	RM	41,6	2400	1000	0,253	242	220
3x150	RM	46,0	3100	1000	0,206	270	252
3x185	RM	50,8	3700	500	0,164	308	289
3x240	RM	57,3	4800	500	0,125	363	339
3x300	RM	63,5	5800	500	0,100	412	377
3x400	RM	70,5	7500	500	0,0778	475	444