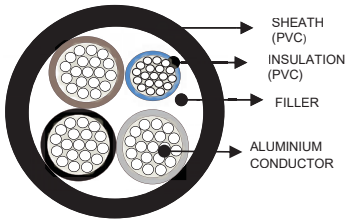
INTEKAR Cable	NAYY-O & NAYY-J /YAVV-U, YAVV-R / PP 00-A
	Multi Core / Aluminum Conductor / PVC insulated / Filler / PVC Sheath
	Low Voltage Energy Cable
	Rated Voltage: Uo/U; 0,6 / 1 kV
INTEKAR GLOBAL Corporation	Standard: TS IEC 60502-1 / IEC 60502 – 1 / HD 603 S1 / VDE 0276



RM – multiwire round shaped conductor

Technical Data		***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	NAYY-O: Brown, Black, Grey, Blue NAYY-J: Brown, Black, Grey, Yellow/Green
Max. Permessble Tensile	30 N/mm²	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, as distribution cables, places where the risk of mechanical damage is high, outdoors, indoors, underground 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 + 10	RM	22,0	560	1000	1,91	70	65
3x25 + 16	RM	25,8	910	1000	1,20	99	83
3x35 + 16	RM	28,0	1020	1000	0,868	118	102
3x50 + 25	RM	32,2	1400	1000	0,641	142	124
3x70 + 35	RM	37,0	1810	1000	0,443	176	158
3x95 + 50	RM	42,4	2450	1000	0,320	211	160
3x120 + 70	RM	47,0	2950	1000	0,253	242	220
3x150 + 70	RM	51,0	3500	1000	0,206	270	252
3x185 + 95	RM	56,7	4300	500	0,164	308	289
3x240 + 120	RM	63,6	5600	500	0,125	363	339
3x300 + 150	RM	70,3	6600	500	0,100	412	377