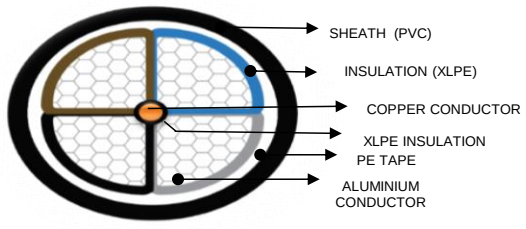
INTEKAR Cable	**YAXV / NA2XY / XP 00-A**
	Multi Core / Aluminum Conductor / XLPE insulated / PE Tape / PVC Sheath
	Low Voltage Energy Cable
	Rated Voltage: Uo/U; 0,6 / 1 kV
INTEKAR GLOBAL Corporation	**Standard: TS IEC 60502-1 / IEC 60502 – 1 / HD 603 S1 / VDE 0276**



Technical Data		
Core temperature, max.		90°C in Operation
Max. Short Circuit Temperature		250°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	XLPE IEC 60502-1
Color of Insulation	Brown, Black, Grey, Blue
Filler	IEC 60502-1
Sheath	PVC IEC 60502-1
Color of Sheath	Black

RE – solid round conductor
SM – multiwire sector shaped conductor

Application

The power cables with insulation of XLPE are used for electricity supply in Low Voltage (LV) installation systems with a voltage rating of 0,6/1 kV. These cables are characterized by very low dielectric losses; are used in energy centers, distribution and industrial facilities, local power transmission, where there is high risk of mechanical damage such as the power cable in the distribution (internal, external), is placed underground or in ducts.

DIMENSIONS AND WEIGHTS			ELECTRICAL PROPERTIES			
Number of cores x Nominal Cross Section	Conductor Shape	Diameter of Cable (Approximately)	Length of Cable (Approximately)	Conductor DC Resistance at 20 °C	Rated current carrying capacity (A)	
No x mm²	–	*mm*	*m*	*ohm/km*	Under Ground 20 °C	In Air 30 °C
4x50 + 1,5	SM/RE	31,5	1000	0,641	157	147
4x70 + 1,5	SM/RE	36,5	1000	0,443	195	189
4x95 + 1,5	SM/RE	41,0	1000	0,320	233	232
4x120 + 1,5	SM/RE	46,0	1000	0,253	266	270
4x150 + 1,5	SM/RE	51,0	1000	0,206	299	308
4x185 + 1,5	SM/RE	56,5	1000	0,164	340	357
4x240 + 1,5	SM/RE	63,0	500	0,125	401	435