



YAXV - R / NA2XY / XP 00-A

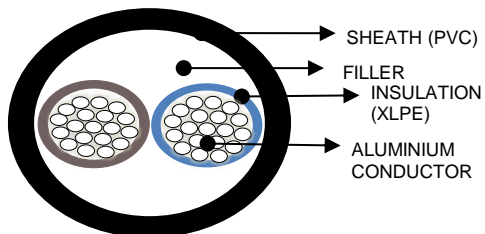
Two Cores / Aluminum Conductor / XLPE insulated / Filler / PVC Sheath

Low Voltage Energy Cable

Rated Voltage: U_o/U; 0,6 / 1 kV

INTEKAR GLOBAL Corporation

Standard: TS IEC 60502-1 / IEC 60502 – 1 / HD 603 S1 / VDE 0276



Technical Data		Cable Structure	
Core temperature, max.	90°C in Operation	Conductor	IEC 60228 Class 2
Max. Short Circuit Temperature	250°C / 5 sec.	Insulation	XLPE IEC 60502-1
Bending Radius, min.	15 x D cable	Color of Insulation	Brown, Blue
Max. Permissible Tensile	30 N / mm ²	Filler	IEC 60502-1
Rated current carrying capacity	One System	Sheath	PVC IEC 60502-1
		Color of Sheath	Black

Application

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.

RM – multiwire round shaped conductor

DIMENSIONS AND WEIGHTS			ELECTRICAL PROPERTIES				
Number of cores x Nominal Cross Section	Conductor Shape	Outer Diameter of Cable (Approx.)	Weight of Cable (Approx.)	Length of Cable	Conductor DC Resistance at 20 °C	Rated current carrying capacity (A)	
No x mm ²	-	mm	kg/km	m	ohm/km	Under Ground 20 °C	In Air 30 °C
2x25	RM	21,4	590	1000	1,20	110	115
2x35	RM	23,2	690	1000	0,868	130	140
2x50	RM	25,7	880	1000	0,641	155	175
2x70	RM	29,5	1180	1000	0,443	195	220
2x95	RM	33,7	1510	1000	0,320	235	270