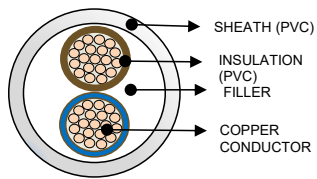


	NVV / NYM / PP
	Multi Core / Copper Conductor / PVC insulated / Filler / PVC Sheath
	Installation Cables
	Rated Voltage: Uo/U; 300/500 V
INTEKAR GLOBAL Corporation	Standard: TS HD 21.4 S2 / HD 21.4 S2 / VDE 0250/204



Technical Data		Cable Structure	
Core temperature, max.	70°C in Operation	Conductor	DIN VDE 0295
Max. Short Circuit Temperature	160°C / 5 sec.	Insulation	DIN VDE 0207/4
Rated Voltage	300 / 500 V	Color of Insulation:	
Max. Permissible Tensile	-	2x - Brown, Blue	
Rated current carrying capacity	-	3x - Brown, Blue, Yellow/Green	
		4x - Brown, Black, Blue, Yellow/Green	
		5x - Brown, Black, Grey, Blue, Yellow/Green	
		Filler	PVC
		Sheath	PVC
		Color of Sheath	Grey

Application

RE – solid round shaped conductor

RM – multiwire round shaped conductor

Cable for industrial and home installations. NYM is a cable that consists of more than one copper core and is with PVC insulation.

It is safe in dry place for indoors or outdoors and is not recommended to plant underground. Nominal voltage 300/500 V.

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
No x mm ²	-	mm	kg/km	m	ohm/km	A
2x1,5	RE	8,7	121	100	12,1	18
2x2,5	RE	9,9	164	100	7,41	26
2x4	RE	10,8	212	100	4,61	34
2x6	RE	11,8	271	100	3,08	44
2x10	RM	15,9	470	1000	1,83	61
2x16	RM	17,9	648	1000	1,15	82
2x25	RM	21,5	974	1000	0,727	108
2x35	RM	24,1	1278	1000	0,524	135
3x1,5	RE	9,2	139	100	12,1	18
3x2,5	RE	10,4	191	100	7,41	26
3x4	RE	11,5	252	100	4,61	34
3x6	RE	12,9	340	100	3,08	44
3x10	RM	16,8	560	1000	1,83	61
3x16	RM	19,4	810	1000	1,15	82
3x25	RM	23,3	1200	1000	0,727	108
3x35	RM	25,7	1580	1000	0,524	135
4x1,5	RE	9,9	167	100	12,1	18
4x2,5	RE	11,3	230	100	7,41	26
4x4	RE	12,9	320	100	4,61	34
4x6	RE	14,5	435	100	3,08	44
4x10	RM	18,4	700	1000	1,83	61
4x16	RM	21,2	1000	1000	1,15	82
4x25	RM	25,9	1550	1000	0,727	108
4x35	RM	28,1	1990	1000	0,524	135
5x1,5	RE	10,7	195	100	12,1	14
5x2,5	RE	12,3	270	100	7,41	20
5x4	RE	14,3	400	100	4,61	26
5x6	RE	15,7	520	100	3,08	33
5x10	RM	20,4	870	1000	1,83	46
5x16	RM	24,0	1270	1000	1,15	62
5x25	RM	28,3	1880	1000	0,727	81
5x35	RM	31,2	2450	1000	0,524	101