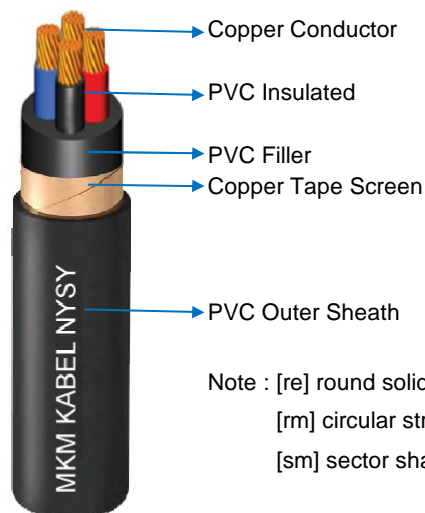


Copper Conductor, PVC Insulated, Copper Tape Screen, PVC Sheathed Cu/PVC/CTS/PVC 0.6/1 kV (NYSY)



Application

For power plants and switchgear as well as for installation of sub-station; for installation indoors in confined spaces and cable channels because of small bending radius. As buried cable, because of its light weight preferred in where installation is difficult.

Specification

IEC 60502 - 1

Classification

Power Cable, Low Voltage 0.6/1 kV

Note : [re] round solid conductor

[rm] circular stranded conductor

[sm] sector shaped stranded

Technical Properties

Number of Cores	Size	Shape of Conductor	Nominal Thickness			Approximately		DC resistance at 20 °C	Current Carrying Capacity at 30 °C in air	Short Circuit Current Capacity at 1 sec	Standard Length
			Insulation	Copper Tape	Outer sheath	Overall diameter	Net Weight				
	mm ²	shape	mm	mm	mm	mm	Kg/Km	Ω/km	A	kA	m
4 CORES	1.5	re	0.8	0.1	1.8	14	324	12.1	18	0.17	1000
	2.5	re	0.8	0.1	1.8	15	363	7.41	25	0.29	1000
	4	re	1.0	0.1	1.8	17	494	4.61	34	0.46	1000
	6	re	1.0	0.1	1.8	19	601	3.08	43	0.69	1000
	10	rm	1.0	0.1	1.8	22	872	1.15	59	1.15	1000
	16	rm	1.0	0.1	1.8	24	1,187	0.727	79	1.84	1000
	25	rm	1.2	0.1	1.8	28	1,719	0.524	104	2.88	1000
	35	rm	1.2	0.1	1.8	31	2,191	0.387	129	4.03	1000
	50	sm	1.4	0.1	1.9	33	2,596	0.268	158	5.75	1000
	70	sm	1.4	0.1	2.1	37	3,498	0.193	198	8.05	1000
	95	sm	1.6	0.1	2.2	41	4,666	0.153	242	10.93	1000
	120	sm	1.6	0.1	2.3	45	5,741	0.124	282	13.80	500
	150	sm	1.8	0.1	2.5	50	7,039	0.0991	322	17.25	500
	185	sm	2.0	0.1	2.7	54	8,697	0.0754	366	21.28	500
240	sm	2.2	0.1	2.9	61	11,198	0.0601	431	27.60	500	