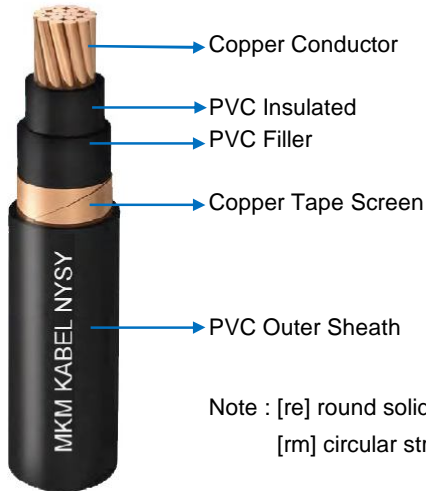




Copper Conductor, PVC Insulated, Copper Tape Screen, PVC Sheathed Cu/PVC/CTS/PVC 0.6/1 kV (NYSY)



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 burried 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

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
1 CORES	1.5	re	0.8	0.1	1.8	9	110	12.1	16	0.17	1000
	2.5	re	0.8	0.1	1.8	10	130	7.41	25	0.29	1000
	4	re	1.0	0.1	1.8	10	165	4.61	45	0.46	1000
	6	re	1.0	0.1	1.8	11	195	3.08	57	0.69	1000
	10	rm	1.0	0.1	1.8	12	270	1.83	79	1.15	1000
	16	rm	1.0	0.1	1.8	13	325	1.15	99	1.84	1000
	25	rm	1.2	0.1	1.8	16	460	0.727	134	2.88	1000
	35	rm	1.2	0.1	1.8	17	605	0.524	168	4.03	1000
	50	rm	1.4	0.1	1.8	19	757	0.387	203	5.75	1000
	70	rm	1.4	0.1	1.8	20	993	0.268	257	8.05	1000
	95	rm	1.6	0.1	1.8	23	1,295	0.193	317	10.93	1000
	120	rm	1.6	0.1	1.8	24	1,552	0.153	371	13.80	500
	150	rm	1.8	0.1	1.8	26	1,865	0.124	426	17.25	500
	185	rm	2.0	0.1	1.8	28	2,262	0.0991	485	21.28	500
240	rm	2.2	0.1	1.8	31	2,882	0.0754	584	27.60	500	