



Cu/PVC/PVC (NYY) 0.6/1(1.2) kV

IEC 60502-1/ SNI IEC 60502-1

Copper conductor, PVC insulated and PVC sheathed

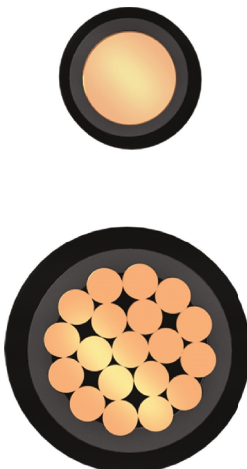
Main Uses : used for indoor, in ducts installation for laying in the ground, where not sustain mechanical damage

DIMENSIONAL & MECHANICAL DATA

1 Core

Nominal cross-sectional area	No of wire and conductor shape		Nominal Thickness		Approximately		Bending radius min	Standard delivery length
			Insulation	Outer sheath	Overall diameter	Net Weight		
1.5	1	re	0.8	1.4	6	49	80	1,000
1.5	7	rm	0.8	1.4	7	55	90	1,000
2.5	1	re	0.8	1.4	7	66	90	1,000
2.5	7	rm	0.8	1.4	7	70	90	1,000
4	1	re	1.0	1.4	8	91	100	1,000
4	7	rm	1.0	1.4	8	97	100	1,000
6	1	re	1.0	1.4	8	113	100	1,000
6	7	rm	1.0	1.4	9	121	110	1,000
10	1	re	1.0	1.4	9	157	110	1,000
10	7	rm	1.0	1.4	9	168	110	1,000
16	7	rm	1.0	1.4	10	234	140	1,000
25	7	rm	1.2	1.4	12	344	150	1,000
35	7	rm	1.2	1.4	13	445	160	1,000
50	19	rm	1.4	1.4	15	578	180	1,000
70	19	rm	1.4	1.4	17	793	210	1,000
95	19	rm	1.6	1.5	19	1,079	230	1,000
120	67	rm	1.6	1.5	21	1,319	260	1,000
150	37	rm	1.8	1.6	23	1,622	280	1,000
185	37	rm	2.0	1.7	25	2,009	300	1,000
240	61	rm	2.2	1.8	29	2,612	350	1,000
300	61	rm	2.4	1.9	32	3,236	390	1,000
400	61	rm	2.6	2.0	35	4,077	420	500
500	61	rm	2.8	2.1	39	5,139	470	500

ELECTRICAL DATA



Nominal cross-sectional area	Resistance at 20 °C		Current Carrying Capacity at 30 °C		Short circuit current of conductor at 1.0 sec
	DC conductor max	Insulation min	In AIR	In GROUND	
			⊙ ⊙ ⊙	⊙ ⊙ ⊙	
mm ²	Ω/Km	MΩ.Km	A		kA
1.5	12.1	12	21	33	0.19
2.5	7.41	10	25	45	0.32
4	4.61	10	46	58	0.50
6	3.08	8	58	74	0.73
10	1.83	6	80	98	1.20
16	1.15	5	100	107	1.91
25	0.727	5	135	138	2.96
35	0.524	4	170	185	4.13
50	0.387	4	205	196	5.87
70	0.268	3	260	240	8.19
95	0.193	3	320	289	11.09
120	0.153	3	375	329	13.98
150	0.124	3	430	374	17.46
185	0.0991	3	490	418	21.50
240	0.0754	3	590	481	27.86
300	0.0601	3	680	552	34.79
400	0.0470	3	825	632	41.50
500	0.0366	2	960	730	51.84

Note : This is only general information. For other specific requirement, please contact our marketing.