

Area in "Sq. mm"	Strands."mm"	Unsheathed Cables		Sheathed Cables				Current Rating in "Amps".
		Insulation Thickness "mm"	Overall Diameter "mm"	Insulation Thickness "mm"	Sheathed Thickness "mm"	Overall Diameter "mm"	Resistance "W/Km" at 200C	
1.00	1/1.2	0.70	2.60	0.60	0.80	4.15	18.1	11
1.50	1/1.38	0.70	2.90	0.60	0.80	4.40	12.1	13
2.50	1/1.78	0.80	3.50	0.70	0.80	5.00	7.41	20
2.50	3/1.04	0.80	3.90	0.70	0.80	5.10	7.41	20
4.00	1/2.24	0.80	4.00	0.80	0.90	5.85	4.61	26
4.00	7/0.85	0.80	4.20	0.80	0.90	5.90	4.61	26
6.00	1/2.76	0.80	4.50	0.80	0.90	6.40	3.08	35
6.00	7/1.04	0.80	5.00	0.80	0.90	6.65	3.08	35
10.00	7/1.35	1.00	6.20	1.00	0.90	8.05	1.83	45
16.00	7/1.70	1.00	7.20	1.00	1.00	9.30	1.15	55
25.00	7/2.14	1.20	8.90	1.20	1.10	11.2	0.727	75
35.00	7/2.52	1.20	10.0	1.20	1.10	12.3	0.524	90
50.00	7/1.80	1.40	11.9	1.40	1.20	14.4	0.387	120
50.00	19/1.78	1.40	11.9	1.40	1.20	14.4	0.387	120
70.00	19/2.14	1.40	13.6				0.2680	165
95.00	19/2.50	1.60	15.8				0.193	200
120.00	37/2.03	1.60	17.5				0.153	225
150.00	37/2.24	1.80	19.4				0.124	230
185.00	37/2.52	2.00	21.7				0.0991	265

Single Core Unsheathed Cable, 450/ 750 DC and 600/1000 V AC

Conductor Cross Section Area"sq. mm"	Radial Thickness of Insulation (Nom.)"mm"	Cables with Stranded Conductor (H07V-R)		Cables with Flexible Conductor (H07V-K)	
		Conductor Construction No. /"mm"	Cable OD (Maximum) "mm"	Conductor Construction No. /"mm"	Cable OD (Maximum) "mm"
0.50	0.60	7/0.30	2.60	16/0.20	2.60
0.75	0.60	7/0.37	2.80	24/0.20	2.80
1.00	0.60	7/0.44	3.00	32/0.20	3.00
1.50	0.70	7/0.53	3.50	30/0.25	3.50
2.50	0.80	7/0.67	4.20	50/0.25	4.20
4.00	0.80	7/0.85	4.80	56/0.30	4.80
6.00	0.80	7/1.04	5.40	84/0.30	6.40
10.00	1.00	7/1.35	6.80	80/0.40	7.60
16.00	1.00	7/1.70	8.00	126/0.40	8.80
25.00	1.20	7/2.14	9.80	196/0.40	11.0
35.00	1.20	19/1.53	11.0	276/0.40	12.5
50.00	1.40	19/1.78	13.0	396/0.40	14.5
70.00	1.40	19/2.14	15.0	360/0.50	17.0
95.00	1.60	19/2.52	17.0	475/0.50	19.0
120.00	1.60	37/2.03	19.0	608/0.50	21.0
150.00	1.80	37/2.25	21.0	750/0.50	23.5
185.00	2.00	37/2.52	23.5	925/0.50	26.0
240.00	2.20	61/2.25	26.5	1221/0.50	29.5