

PVC Multi Core Flexible Cables

CALTER 650/1100V Grade Multi Strand Flexible Annealed Copper Conductor, PVC Insulated and Sheathed Multi Core Flexible Cables Conforming to ISI 694/90 with ISI mark



Conductor Area	No. & Size of Strand	Conductor Bunch dia (approx)	Max. DC Resistance at 20°C	Insulation Thickness nominal	Core dia	Sheath Thickness Nominal			
						2 Core	3 Core	4 Core	5 Core
Sq mm	mm	mm	ohms/km	mm	mm	mm	mm	mm	
0.50	16/0.2	0.94	39.0	0.6	2.20	0.9	0.9	0.9	0.9
0.75	24/0.2	1.13	26.0	0.6	2.50	0.9	0.9	0.9	0.9
1.00	32/0.2	1.31	19.5	0.6	2.60	0.9	0.9	0.9	1.0
1.50	30/0.25	1.60	13.3	0.6	2.90	0.9	0.9	1.0	1.0
2.50	50/0.25	2.08	7.98	0.7	3.60	1.0	1.0	1.0	1.0
4.00	56/0.3	2.6	4.95	0.8	4.30	1.0	1.0	1.0	1.1

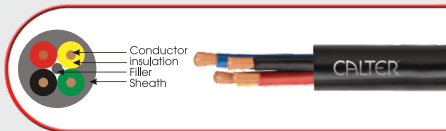
Conductor Insulation Filler Sheath

Overall Diameter (approx)				# Current Rating
2 Core	3 Core	4 Core	5 Core	amp
mm	mm	mm	mm	amp
6.2	6.6	7.2	7.80	5
6.8	7.2	7.9	8.60	8
7.0	7.5	8.17	9.00	12
7.6	8.1	9.0	9.90	16
9.2	9.9	10.7	11.70	22
10.6	11.3	12.4	13.80	29

CALTER 650/1100V

Grade Multi Strand Flexible Copper Conductor, PVC Insulated and Sheathed Multi Core Flexible Cables Conforming to ISI 694/90

Conductor Area	No. & Size of Strand	Conductor bunch dia (approx)	Max. DC Resistance at 20°C	Insulation Thickness nominal
Sq mm	mm	mm	ohms/km.	mm
6	85/0.3	3.20	3.30	0.80
10	140/0.3	4.67	1.91	1.00
16	226/0.3	6.00	1.21	1.00
25	354/0.3	7.51	0.78	1.20
35	276/0.4	8.74	0.55	1.20
50	396/0.4	10.60	0.39	1.40



Core dia	Sheath Thickness Nominal			Overall Diameter (approx)			# Current Rating
	2 Core	3 Core	4 Core	2 Core	3 Core	4 Core	
mm	mm	mm	mm	mm	mm	mm	amp
5.00	1.10	1.10	1.20	12.00	12.80	14.20	37
6.60	1.20	1.20	1.30	15.90	17.00	19.00	46
8.00	1.30	1.30	1.40	18.80	20.00	22.40	62
10.90	1.40	1.50	1.60	22.80	24.60	27.40	80
11.40	1.50	1.60	1.70	25.50	27.50	30.60	102
13.70	1.60	1.70	1.80	30.20	32.60	36.30	138