

(WEF 01st Jan 2020)

SINGLE CORE FLEXIBLE CABLES

MULTI CORE FLEXIBLE CABLES

"POLYCAB" FR Insulated Single Core Unsheathed Industrial Flexible Cable conforming to IS 694:2010 with Flexible Bright Annealed Copper Conductor for Voltage Grade 1100 Volts

"POLYCAB" PVC Insulated and PVC Round Sheathed Multi Core Bright Annealed Bare Copper Conductor Heavy Duty Industrial Cables for Voltage Grade 1100 Volts as per IS: 694:2010

Nominal Area of Conductor (sq mm)	Number/ Nom. Dia of Conductor (No./dia mm)	Current Carrying Capacity (Amps)	(Rate/100m)		2 Core	3 Core	4 Core	2-4 Core Packing	5 Core	6 Core
			Single Core	Packing						
0.5	16/2	5	690	25	2080	2730	3535	4	4525	5460
0.75	24/2	8	990	25	2860	3735	4840	4	6375	7650
1	32/2	13	1280	20	3460	4645	5960	4	7925	9450
1.5	30/2.5	17	1870	16	4515	6345	8290	4	10900	13200
2.5	50/2.5	24	3030	12	7315	10100	13400	3	17700	21200
4	56/3	30	4630	8	11200	15500	20200		27700	33200
6	84/3	38	6865	6	15500	23100	29200		42800	51000
10	80/4	52	11900	1	27200	38700	50600		73300	
16	126/4	70	18700	1	44100	61800	80300		116700	
25	196/4	88	29300	1	71200	103000	133100		195700	
35	276/4	110	40600	1	99300	143400	182000		270600	
50	396/4	145	57700	1	139900	204500	260500		391900	
70	354/5	215	83900	1	237300	284400	374200		546700	
95	484/5	260	111000	1	262100	390100	504400		754600	
120	608/5	305	145600	1	331600	486000	639600		979900	
150	750/5	355	182000	1	414500	626300	821600		1200200	
185	925/5	415	224600	1	511300	765100	1021300		1464700	
240	1210/5	500	291200	1	663200	998400	1320800		1930000	
300	1527/5	585	364000	1	829000	1248000	1664000		2400100	
400	2036/5	695	485300	1	1105300	1651500	2204800		3184000	
FR Insulation :		5%								
FRLSH / HR Insulation :		10%								
HFFR :		25%								

"POLYCAB" PVC Insulated, PVC Round Sheathed Multi Core Industrial Flexible Cable conforming to IS 694:2010 with Flexible Bright Annealed Copper Conductor for Voltage Grade 1100 Volts

Nominal Area of Conductor (sq mm)	Number/ Nom. Dia of Conductor (No./dia mm)	Current Carrying Capacity (Amps)	Rate Per 100 Mtrs. Coil							
			7 Core	8 Core	10 Core	12 Core	14 Core	16 Core	19 Core	24 Core
0.5	16/2	5	6400	7300	8700	10300	12400	14000	16400	20400
0.75	24/2	8	8600	10200	12500	14500	16700	19200	22800	28800
1	32/2	13	10600	12300	15200	17800	21200	24400	28800	36400
1.5	30/2.5	17	15000	19200	21000	25500	29600	33800	40200	50400
2.5	50/2.5	24	24100	30500	34600	41100	48800	55600	66100	82700
4	56/3	30	38300	45600	53700	64500				
6	84/0.3	37	60100							

"POLYCAB" Multi Strand Bare Copper conductor XLPE insulated PVC Sheathed Cables

Nominal Area	No/Dia of Strands	Current rating in Air at 40°C	Cu Conductor Unarmoured Cables	Cu Conductor Aluminium Armouring Cables
mm ²	No/mm		Rs (Rate / 100M)	Rs (Rate / 100M)
6	84/0.3	55	8900	12300
10	80/0.4	75	15000	20900
16	126/0.4	103	22300	26100
25	196/0.4	126	35400	40000
35	276/0.4	152	48400	53700
50	396/0.4	189	67600	74700
70	354/0.5	240	93300	102600
95	484/0.5	297	126200	131800
120	608/0.5	346	159700	166700
150	750/0.5	390	199600	208400
185	925/0.5	460	243500	251100
240	1210/0.5	552	316300	331200
300	1527/0.5	640	394400	416600
400	2036/0.5	753	526000	552100

"POLYCAB" FRLS Insulated Single Core Unsheathed Industrial Flexible Cable conforming to IS 694:2010 with Flexible Bright Annealed Copper Conductor for Voltage Grade 1100 Volts

"POLYCAB" PVC Insulated and FRLS Round Sheathed Multi Core Bright Annealed Bare Copper Conductor Heavy Duty Industrial Cables for Voltage Grade 1100 Volts as per IS: 694:2010

Nominal Area of Conductor (sq mm)	Number/ Nom. Dia of Conductor (No./dia mm)	Current Carrvina	Single Core (Rate/100m)	Packing	(Rate/100m)					
					1 Core	2 Core	2 Core	3 Core	4 Core	2 -4 Caore Packing
0.5	16/.2	5	720	25	2235	2940	3800	4	4860	5870
0.75	24/.2	8	1025	25	3075	4015	5200	4	6855	8215
1	32/.2	13	1325	20	3720	4990	6405	4	8520	10200
1.5	30/.25	17	1940	16	4740	6660	8700	4	11400	13800
2.5	50/.25	24	3135	12	7700	10600	14000	3	18600	22300
4	56/.3	30	4790	8	11800	16200	21200		29000	34800
6	84/.3	38	7100	6	16200	24200	30700		45000	53600
10	80/.4	52	12300	1	28600	40700	53100		77000	
16	126/.4	70	19300	1	46300	64900	84300		122500	
25	196/.4	88	30400	1	74800	108200	139800		205500	
35	276/.4	110	42000	1	104300	150600	191200		284100	
50	396/.4	145	59700	1	146800	214700	273500		411400	
70	354/.5	215	86800	1	249200	298700	392900		574100	
95	484/.5	260	114800	1	275200	409700	529700		792400	
120	608/.5	305	150700	1	348100	510300	671600		1028900	
150	750/.5	355	188300	1	435200	657600	862700		1260200	
185	925/.5	415	232500	1	536800	803400	1072300		1538000	
240	1210/.5	500	301400	1	696400	1048300	1386800		2026500	
300	1527/.5	585	376800	1	870500	1310400	1747200		2520100	
400	2036/.5	695	502200	1	1160500	1734100	2315000		3343200	

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