

MAAMIDI
31 *Years of* TRUST



**DO YOU WANT
TO CUT
PANEL WIRING
COST?**

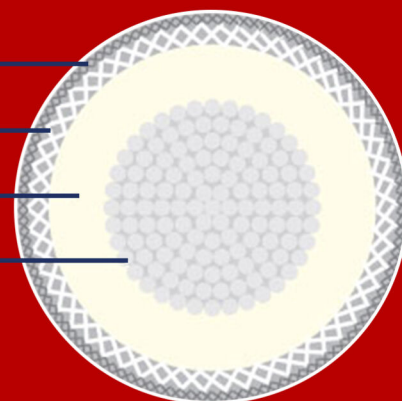
Use

MIRACLENYVIN



Cross section of
UNINYVIN CABLE

Nylon Braid
Glass Fiber Braid
Insulation
Conductor



COMPARISON CHART – NORMAL PVC CABLES VS UNINYVIN CABLES

PVC CABLE			UNINYVIN CABLE		
Size mm ²	Cable Dia mm	Current Rating Amp	Size AWG	Cable Dia mm	Current Rating Amp
2.50	3.50	20	18	2.50	23
4.00	4.30	27	16	2.80	27
6.00	5.30	35	14	2.40	40
10.0	6.70	46	12	3.80	55
16.0	8.20	62	10	5.00	78
25.0	10.00	80	8	6.30	111
35.0	11.30	102	6	7.50	148
50.0	13.50	138	4	9.30	205
70.0	15.50	214	2	11.00	256
95.0	18.50	260	1	12.20	282
120	20.90	305	0	13.70	308
150	22.50	355	00	15.40	346
185	24.60	415	000	16.90	386
240	27.60	450	0000	18.90	450

General Comparison between Nyvin cable & PVC Cable

Particulars	Nyvin Cables -22	PVC Insulated Cables 1 Sq MM
Cable weight	6.5kg/km	15kg/km (1.00sq.mm)
Cable Size	Lower size (0.347sqmm)	Higher size(1.00sqmm)
Current Rating	14 Amps	12Amps
Temperature Rating	105°C	70°C
Insulation grade	Type-C HR-105°C (High Temp)	Type-A 70°C
Conductor Material	Tinned Plated copper (No corrosion)	Plain copper
Abrasive strength	Good (F- Glass & Nylon Jacket)	Nil
Heat Test	Cable shall separate without sticking	Test Not applicable as per ISI Standard
Bending radius mini.	3 to 6 times of Cable Dia	3 to 6 times of Cable dia
Mechanical Strength	Good (16.00N/sqmm)	Normal (12.5N/sqmm)
Flexibility Test	No signs of damage	Normal
Voltage grade	600Volts rms.	Up to & including 650 / 1100 V

Why Uninyvin Cable ?



High Current Carrying Capacity



Oil & Water Resistant



Temperature Resistance upto 105°C



Abrasive Resistant



Economical

Cross Section (Area)	Overall Diameter	Max. Current rating (BS-G-177)	CABLE CORE	Rate / Meter
in Sq. mm	in mm	in Amps		
0.347	2.00	11	U 22	19
0.556	2.30	14	U 20	21
0.966	2.50	18	U 18	23
1.17	2.80	21	U 16	27
2.05	3.40	31	U 14	31
3.22	3.80	43	U 12	36
5.33	5.00	61	U 10	50
8.76	6.30	87	U 8	80
13.3	7.50	115	U 6	127
21.5	9.30	160	U 4	196
33.3	11.00	200	U 2	310
40.7	12.20	220	U 1	350
53	13.70	240	U 0	473
68.3	15.40	270	U 00	562
84.2	16.90	300	U 000	691
109	18.70	350	U 0000	889

GST 18% extra ; HSN 8544

