

BUILDING WIRE

0.6/1KV 1C B/WIRE G(Y)



 prysmian

E Path

For use where improved aging properties to those of 75°C PVC are required because of higher ambient temperatures. Suitable for glanding.

APPLICATIONS

Building Installations; Residential Installations

CABLE CONSTRUCTION

CONDUCTOR: Plain Annealed Copper Conductor - **CLASS 2**

INSULATION: V-90 PVC **COLOUR:** Green/Yellow

STANDARDS & APPROVALS

AS/NZS 5000.1

AS/NZS 1125

AS/NZS 3808

AS/NZS IEC 60332-1

GREEN STAR

Cable Standard

Conductor Standard

Material Standard

Flame Propagation Standard

Best Practice PVC Green Star Approval

CABLE CHARACTERISTICS

Eco cable	Yes	Low smoke	No
Rated voltage U0/U (Um)	0.6/1 (1.2) kV	Halogen free	No
Max. conductor temperature [°C]	75	Resistant to UV	Low
Flame retardant	Yes		

RECOMMENDED INSTALLATION ENVIRONMENTS

- Industrial Equipment
- Machines
- In Conduit
- Internal Wiring

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PHYSICAL CHARACTERISTICS

Nominal cross section conductor [mm ²]	Part number	Conductor strand count	Strand diameter [mm]	Diameter conductor [mm]	Cable nominal diameter [mm]	Cable nominal weight [kg/km]	Minimum bending radius - installed [mm]
1.5	20199364	7	0.5	1.5	3.1	50	15
2.5	20199368	7	0.67	2	3.6	50	15
4	20199378	7	0.85	2.6	4.6	100	20
6	20199384	7	1.04	3.2	5.2	100	25
10	20199392	7	1.35	4	6.1	150	25
16	20199398	7	1.7	5	7.1	200	30
25	20199402	19	1.35	6.4	8.9	300	40
35	20199406	19	1.53	7.5	10	400	40
50	20199410	19	1.78	8.8	11.7	500	50
70	20199412	19	2.14	10.5	13.5	700	55
95	20199417	19	2.45	12.4	15.7	950	65
120	20199421	37	2.03	14	17.4	1,200	70
150	20207245	37	2.25	15.5	19.3	1,450	80
185	20265721	37	2.52	17.3	21.5	1,800	90
240	20199429	61	2.25	19.9	24.5	2,400	100
300	20199431	61	2.52	22.3	27.3	2,950	165
400	20283980	61	2.85	25.2	30.6	3,800	185

ELECTRICAL CHARACTERISTICS

Nominal cross section conductor [mm ²]	Part number	DC Resistance at 20°C (Maximum) [Ω/km]	AC Resistance (Maximum) at operating temperature [Ω/km]	Current carrying capacity (in ground) [A]	Current carrying capacity (in air) [A]
1.5	20199364	13.6	16.5	17	20
2.5	20199368	7.41	9.01	25	27
4	20199378	4.61	5.61	33	36
6	20199384	3.08	3.75	42	45
10	20199392	1.83	2.23	58	59
16	20199398	1.15	1.4	77	104
25	20199402	0.727	0.884	103	134
35	20199406	0.524	0.638	127	160
50	20199410	0.387	0.471	156	190
70	20199412	0.268	0.327	197	233
95	20199417	0.193	0.236	246	279
120	20199421	0.153	0.188	287	317
150	20207245	0.124	0.153	330	356
185	20265721	0.0991	0.123	383	402
240	20199429	0.0754	0.0948	457	465
300	20199431	0.0601	0.077	529	524
400	20283980	0.047	0.062	615	593

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