

3.2 Electrical Cabling



NEW 201Y™ CPC INSULATED EARTH CABLE



6193Y PVC / PVC FLAT TWIN WITH INSULATED EARTH 300/500V CABLE

- Irish Wiring Regulations (ET 101) now require that a full sized and insulated (G/Y) earth conductor replaces the previous reduced size bare CPC
- For use in general fixed installations
- Cannot be used externally



CONSTRUCTION

CONDUCTOR: Solid or stranded plain annealed copper wire (Class I or II) to BS EN 60338

INSULATION: PVC

SHEATHING: Grey PVC (black or red on request)

CORES: Two core with insulated CPC

CORE COLOURS: Green/yellow, brown and blue

APPROVALS

IS 201-4: 2013 BASEC

CODE DESIGNATION

IE-N05VVH4-U & IE-N05VVH4-R

TECHNICAL SPECIFICATIONS

NOMINAL VOLTAGE: 300/500V

All our cables are manufactured with materials which are compliant with RoHS and WEEE directives

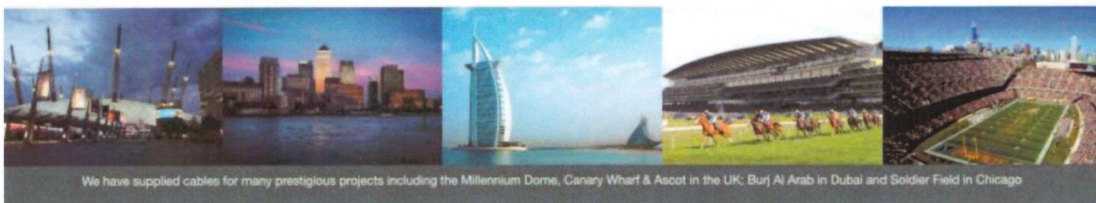
No. & nominal cross section area of conductor (mm ²)	No. of wires in conductor	Radial thickness of insulation (mm)	Radial thickness of sheath (mm)	Mean overall diameter		Earth conductor cross section (mm ²)	Minimum insulation resistance at 70°C MΩ.km
				Lower (mm)	Upper (mm)		
1.0 x 2	1	0.6	0.9	4.0 x 8.4	4.7 x 9.8	1.0	0.011
1.0 x 2	7	0.6	0.9	4.0 x 8.4	4.7 x 9.8	1.0	0.011
1.5 x 2	1	0.7	0.9	4.4 x 9.8	5.4 x 11.7	1.5	0.011
1.5 x 2	7	0.7	0.9	4.5 x 9.8	5.4 x 11.7	1.5	0.011
2.5 x 2	1	0.8	1.0	5.2 x 11.9	6.2 x 13.5	2.5	0.010
2.5 x 2	7	0.8	1.0	5.2 x 11.9	6.2 x 13.5	2.5	0.010
4.0 x 2	7	0.8	1.0	5.8 x 13.6	7.2 x 16.5	4.0	0.009
6.0 x 2	7	0.8	1.1	6.4 x 15.0	8.0 x 18.0	6.0	0.0065
10.0 x 2	7	1.0	1.2	7.8 x 19.0	9.6 x 22.5	10.0	0.0065
16.0 x 2	7	1.0	1.3	9.0 x 22.0	11.2 x 26.5	16.0	0.0052

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IDH HAS BEEN MAKING CABLE IN WEXFORD SINCE 1934 – THE ONLY IRISH CABLE MAKER – MADE IN IRELAND



We have supplied cables for many prestigious projects including the Millennium Dome, Canary Wharf & Ascot in the UK; Burj Al Arab in Dubai and Soldier Field in Chicago