Lighting Systems iLight Control Systems





iCANnet Cable

For the installation of iLight Control Systems

aton iCANnet

Specification

Power

- Conductor: 18 AWG, tinned copper
- Insulation: Polyethylene
- Colour code: Red & black

Data

- Conductor: 22 AWG, tinned copper
- Insulation: Polyethylene
- Screen: Aluminium foil
- Drain wire: Tinned copper
- Colour code: White & blue

Overall

- Jacket: Low smoke halogen free
- Colour: Blue
- Overall diameter: 6.35mm (nominal)
- Cable drum size: 300m
- Drum weight: 19.5Kg

Technical

- DC resistance conductor 22AWG: \leq 54.20 Ω /km @ 20°C
- DC resistance conductor 18AWG: ≤ 23.70 Ω/km @ 20°C
- Operating Voltage: 300V

7410

- Capacitance Core to Core 22AWG: 46pF/m
- Capacitance Core to Core 18AWG: 95pF/m
- Inductance Core 22AWG: 0.76µH/m
- Inductance Core 18AWG: 0.55µH/m

Powering Business Worldwide

Overview

iCANnet Network Cable is specifically designed to connect between each device on an iLight control system. The cable consists of 2 x 18 AWG tinned copper wire with PE Insulation (Power pair) and 2 x 22 AWG screened tinned copper wire with PE Insulation (data pair). There is also a tinned copper drain wire in contact with the aluminium foil screen. The cable is sheathed overall in LSZH.

Function	Network Cable
	Colours
0V	Black
CAN L	White
Shield	Silver
CAN H	Blue
+12Vdc	Red

Contact your local Eaton office

T: +44 (0)1923 495495 E: enquiries@iLight.co.uk

Eaton Lighting Systems

20 Greenhill Crescent, Watford Business Park, Watford, Herts, WD18 8JA. UK eatonlightingsystems.com

© 2018 Eaton All Rights Reserved

Document No: iCANnet Cable Rev2 0618

www.iLight.co.uk

F: +44 (0)1923 228796

Changes to the products, to the information contained in this document, and to prices are reserved; so are errors and omissions.

Eaton is a registered trademark

All other trademarks are property of their respective owners.

