

Technical Document
WEB 18/22 Yellow Stripe
Lighting Control LSNH

webro

Part Number: 390153E-LSNH-TEAL/YEL
Description: WEB 18/22 Yellow Stripe 1pair 22awg
Screened + 1pair 18awg LSNH Teal with Yellow



Product Construction

| | | |
|-------------------------|---|---------------------------|
| Alternative to Crestron | : | Crestron-NP |
| Data | | |
| Conductor Material | : | Bare Copper |
| Conductor Stranding | : | 22awg, 7/0.25mm |
| Insulation Material | : | Foamed Polyethylene (FPE) |
| Number of Pairs | : | 1 |
| Core Colours | : | White, Blue |
| Drain Wire | : | Tinned Copper, 24awg |
| Screening 1 | : | Overall Aluminium Foil |
| Screening 1 Coverage | : | >100% |



Power

| | | |
|---------------------|---|------------------------------|
| Conductor Material | : | Bare Copper |
| Conductor Stranding | : | 18awg, 16/0.25mm |
| Insulation Material | : | Low Smoke Non-Halogen (LSNH) |
| Number of Cores | : | 2 |
| Core Colours | : | Black, Red |

Overall Construction

| | | |
|-----------------|---|------------------------------|
| Sheath Material | : | Low Smoke Non-Halogen (LSNH) |
| Sheath Colour | : | Teal + Yellow Stripe |

Mechanical Characteristics

| | | |
|-------------------|---------|-----------------------|
| Overall Diameter | : | 6.4mm ± 0.2mm |
| Temperature Range | Fixed | -20°C to +70°C |
| | Flexing | 0°C to +60°C |
| Bend Radius | : | 10 x Overall Diameter |
| Weight | : | 45 kg/km |

Electrical Characteristics

| | | |
|--------------------------------|----------------|---------------|
| Conductor DC Resistance @ 20°C | : Data | ≤ 55.4 Ω/km |
| | : Power | ≤ 21.9 Ω/km |
| Capacitance, Data | Core to Core | 40 pF/m ± 15 |
| | Core to Screen | 80 pF/m ± 20 |
| Insulation Resistance @ 20°C | : | ≥ 5000 M Ω*km |
| Voltage Rating | : | 300/300V |

Certifications & Standards

| | | |
|-------------------------|---|---------------------------------|
| Flame Retardancy | : | BS EN 60332-1-2 |
| Low Smoke | : | BS EN 61034-2 |
| Halogen Gas | : | BS EN 60754-1&2 |
| RoHS 3 Compliant | : | Yes |
| REACH Compliant | : | Yes |
| UKCA CPR Classification | : | Eca to BS EN 50575:2014+A1:2016 |

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