

LSHF Tree Cable Designed For Loxone Systems

Technical Datasheet

Description: 2 x 1.5mm² + 2 Pair 0.6mm unshielded cable which is designed for Loxone Tree systems that are controlling motion sensors, switches, dimmers and spots. It is easy to install and terminate due to the simple colour code. This version is Low Smoke Halogen Free throughout.

LOXONE



Units

Data – 2pair x 0.6mm

Conductor Material : Bare Copper, 0.60mm
Pair Insulation Material : Low Smoke Halogen Free (LSHF)
Pair Identification : Green, Green/White
Orange, Orange/White

Power – 2 x 1.5mm²

Conductor Material : Bare Copper, 1.5mm²
Core Insulation : Low Smoke Halogen Free (LSHF)
Core Identification : Orange, Orange/White

Overall Construction

Sheath Material : Low Smoke Halogen Free (LSHF)
Sheath Colour : Green
Alternative to Loxone : 100394

Electrical Characteristics

Nominal Conductor Resistance @ 20°C : 1.5mm², <13.3 Ω/km 0.6mm, <65.5 Ω/km
Insulation Resistance : > 200MΩ.M
Voltage Rating : 200V
Test Voltage : 2.5kV for 2s

Physical Characteristics

Overall Diameter : 7.7 ± 0.2mm
Min Bend Radius : 10 x OD
Temperature Rating : Flexing 0°C to +70°C Static -30°C to +70°C
Weight : 101 kg/km

Standards

Flame Retardant : BS EN 60332-1-2
Low Smoke Generation : BS EN 61034-2
Halogen Gas Emission : BS EN 60754-1&2
RoHS3 Compliant : Yes
CE Compliant : LVD (2014/35/EU), CPR (305/2011)
CPR Classification : B2ca s1a, d1, a1 (EN50575:2014+A1:2016)
UV & Weather Resistant : ISO 4892-3