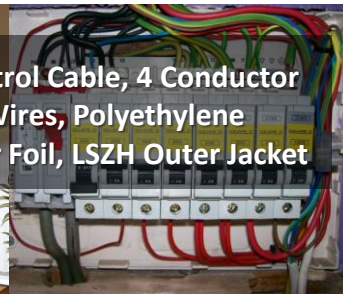


DME PROLINK KNX Control Cable, 4 Conductor (2 Pair) 0.8mm Copper Wires, Polyethylene Insulation, Al / Polyester Foil, LSZH Outer Jacket



Product Description

DME PROLINK KNX Control Cable, 4 Conductor (2 Pair) 0.8mm Copper Solid Wires, Polyethylene Insulation, Aluminum / Polyester Foil, LSZH Outer Jacket

Application

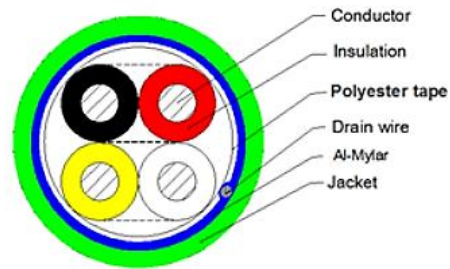
KNX Cable provides an energy-efficient way to operate and automate lighting, heating, aircon, ventilation, energy management, time management and locking systems.

Standards

- EN 50525-1:2011
- EN 50288-1:2003
- EN 50288-2:2013
- EN 60332-1-2:2004+A11:2016
- RoHS: Compliant Directive 2011/65/EU

Fire Rating

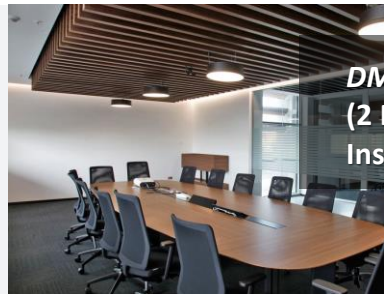
LSZH: EN 60332-1-2



Specification

| | |
|--------------------------------------|---|
| Conductor Diameter | 0.8mm |
| Conductor Material | Copper – Solid Wires |
| Conductor Count / Total No. of Pairs | 4 / 2 |
| Insulation Material | Polyethylene |
| Insulation Colors | 1 st Pair: Red & Black 2 nd Pair: White & Yellow |
| Insulation Dia Nom. | 1.40 ± 0.05 mm |
| Drain Wire : No. of Strands / Size) | 7 / 0.16 ± 0.003 mm |
| Drain Wire Material | Tinned Copper Wire |
| Shield | 11% Polyester Foil 100% Aluminum Foil |
| Outer Sheath Material | LSZH |
| Outer Sheath Color | Green RAL 6018 |
| Cable Outer Dia Nom. | 6.80 ± 0.20mm |
| Tensile Strength | ≥25N |
| Operating Temperature Range | -20°C to +60°C |
| Bend Radius | 8 x D |





DME PROLINK KNX Control Cable, 4 Conductor (2 Pair) 0.8mm Copper Wires, Polyethylene Insulation, Al / Polyester Foil, LSZH Outer Jacket



Electrical Properties

| | | |
|---|--------------|--------|
| Maximum Signal Attenuation (dB/Km) at 20°C | ≤ 5 KHz | 15 |
| | 50 - 500 KHz | 15-35 |
| | 0.5 - 5 MHz | 35-95 |
| | 5 - 25 MHz | 95-200 |
| Conductor Resistance (Ω/km) | ≤37.7 | |
| Insulation Resistance (MΩ.km) | ≥ 200 | |
| AC Voltage Test (2500V, 5min, 1M) | No Breakdown | |
| DC Voltage Test (5000V, 5min, 1M) | No Breakdown | |
| AC Voltage Test on Completed Cable in Water (20°C , 2500V, 5min, 20M) | No Breakdown | |
| AC Voltage Test on Core in Water (20°C , 2500V, 5min, 5M) | No Breakdown | |

Part Number

D93x-K40.8BPE5LSGR

DME PROLINK KNX Control Cable, 4 Conductor (2 Pairs) 0.8mm Solid Bare Copper, PE Insulation, Aluminum & Polyester Foil with Drain Wire TC, LSZH Outer Jacket, 500 meters per Reel, Green (RAL 6018)

