

## LANmark-5 UniBoot Patch Cords

LANmark-5 Patch Cord Cat 5e Screened LSZH 10m Orange

Nexans ref.: [N115.P1B100OU](#)

- Complies fully with Category 5 standards
- Uses Nexans cable technology
- Fully matched with other components for maximum performance
- LSZH Flame retardant jacket or PVC
- Retrofit Latch Protector available in 8 colours for colour coding

### Description

#### Application

This full Category 5e patch cord maximises the full performance of the channel and will exceed the requirements of the ISO/IEC 4-conductor model, when used as part of a LANmark-5 cabling Class D solution. This provides improved data throughput and allows for the inclusion of a Cross-Connect or Consolidation Points for maximum system flexibility.

Screened and unshielded versions available.

LANmark-5 Patch Cords feature a slim over-moulded boot for mechanical protection, which is kept inside the RJ45 boundaries to enable high density patching with 48 cords in 1 height unit. A 'Retrofittable' Latch Protector is available as accessory, which can be used for colour coding of different services.

#### Guarantees

- When used with the LANmark-5 system, Cat 5e/Class D channel performance complies with the channel limits of TIA/EIA-568B and ISO/IEC 11801: 2002 and a 25 years channel warranty can be obtained.
- Reliable connections.

#### Usage

- Small cross section allows neat installation and simplifies the creation of bundles in cabinets.
- Low Smoke Halogen Free - Flame Retardant and PVC jackets are standard.
- 1, 2, 3, 5, 10 and 20m are standard lengths available from stock; other lengths are available on demand.
- Orange for LSZH and Dark Grey for PVC are standard colours; other colours (Red, Blue, Yellow and Green) are available on request (in PVC only).
- Rugged construction.
- High connector retention force due to moulded connectors.
- External strain relief.
- Self-latching, high reliability RJ45 (ISO 8877) connectors.



**LANmark-5**

#### Standards

**International** ISO/IEC 11801

**National** TIA/EIA-568-B.2

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### Characteristics

| Construction characteristics  |           |
|-------------------------------|-----------|
| Outer sheath                  | LSZH      |
| Colour                        | Orange    |
| Screen                        | Yes       |
| Dimensional characteristics   |           |
| Nominal outer diameter        | 5.5 mm    |
| Electrical characteristics    |           |
| Characteristic impedance      | 100 Ohm   |
| Usage characteristics         |           |
| Category                      | Cat. 5e   |
| Range                         | LANmark-5 |
| Mechanical durability/matings | 750       |
| Length                        | 10 m      |
| Component function            | Patchcord |