**UNITRONIC® LAN 500 U/FTP CAT.6A**

**Application range**
- Data transfer for horizontal network backbone for wiring office administration and development buildings
- Cable run should not exceed 100 m in acc. to ANSI/TIA-568-C.2, ISO/IEC 11801 and EN 50173

**Product features**
- Transmission rate up to 500 MHz
- Flame retardant acc. to IEC 60332-1-2
- Low smoke acc. to IEC 61034-1 (for LSHF outer sheath only)
- Halogen free acc. to IEC 60754-1 (for LSHF outer sheath only)

**Approvals (Norm references)**
- RoHS

**Product Make-up**
- Solid bare conductor
- Foam PE core insulation
- Individual pair screen of Al foil
- Solid tinned copper drain wire
- PVC or LSHF outer sheath
- Colour: pebble grey, RAL 7032

**Technical data**
- Core identification code
  - Pair 1: blue + white/blue
  - Pair 2: orange + white/orange
  - Pair 3: green + white/green
  - Pair 4: brown + white/brown
- Mutual capacitance
  - max. 5.6 nF/100 m
- Minimum bending radius
  - Fixed installation: 4 x cable diameter
- Characteristic impedance
  - (at 100 MHz): 150 ± 15 Ohm
- Temperature range
  - -30°C to +70°C

**Article number** | **Article designation** | **Number of pairs and AWG per conductor** | **Outer diameter (mm)** | **Copper index (kg/km)** | **Weight (kg/km)**
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3804900 | LAN 500 U/FTP CAT.6A PVC | 4 x 2 x 23 AWG | 7.2 | 21 | 52
3804910 | LAN 500 U/FTP CAT.6A LSHF | 4 x 2 x 23 AWG | 7.2 | 21 | 52

Photographs are not to scale and do not represent detailed images of the respective products.