

New

UNITRONIC® LAN 500 U/FTP CAT.6A

LAPP KABEL LAN 500 U/FTP CAT.6A



Info

- PVC or LSHF outer sheath
- Solid conductor
- 500 MHz

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)



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)
UNITRONIC® LAN 500 U/FTP CAT.6A					
3804900	LAN 500 U/FTP CAT.6A PVC	4 x 2 x 23 AWG/1	7.2	21	52
3804910	LAN 500 U/FTP CAT.6A LSHF	4 x 2 x 23 AWG/1	7.2	21	52

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