

UNITRONIC® LAN 500 U/FTP CAT.6A



Info

- PVC or Halogen-free 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
- Halogen free acc. to IEC 60754-1 (for LSHF outer sheath only)

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
- Packaging: 305 m/box

Technical data



Classification

ETIM 5.0 Class-Description: Data cable
ETIM 5.0 Class-ID: EC000830



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. 56.0 nF/100 m



Minimum bending radius

Fixed installation: 4 x cable diameter

Characteristic impedance

150 ± 15 Ohm at 100 MHz



Temperature range

-20°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	21.0	52
3804910	LAN 500 U/FTP CAT.6A LSHF	4 x 2 x 23 AWG/1	7.2	21.0	52

- If not otherwise specified, all values relating to the product are nominal values. Other value information, such as tolerances, for example, can be obtained on request where available and released for publishing.
- Photographs are not to scale and do not represent detailed images of the respective products.