

# UC400 24 Cat. 6 U/UTP BRONZE

Slim, Solid

## Construction

Conductor	Bare copper wire Ø 0.52 mm (AWG24)
Insulation	PE, Nom. Ø 0.95 mm
Sheath	PVC or LSZH
Sheath colour	PVC : Grey; LSZH : Grey
Outer Diameter	Nom. 5.4 mm
Weight	Nom. 37kg /km

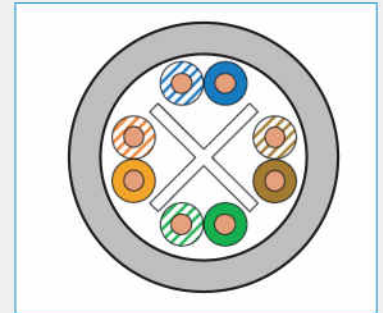
## Mechanical properties

Minimum bending radius Installed	8 x Diameter
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Temperature range during operation	-10°C up to +60°C
Temperature range during installation	-10°C up to +60°C

## Electrical properties at 20°C

DC resistance	≤ 9.38 Ω / 100m
Resistance unbalance	≤ 2 %
Insulation resistance (500 V)	≥ 5000 MΩ/Km
Mutual capacitance	Nom. 5.1 nf / 100 m at 1 kHz
Capacitance unbalance (pair to ground)	≤ 160 pf / 100 m at 1 kHz
Nominal velocity of propagation	Nom. 67%
Test voltage (DC, 1 min)	Nom. 1000V

- All above stated values are nominal and subject to changes.
- For more details on electrical properties please request for datasheet.



## Application

Primary (Campus)

Secondary (Riser)

Tertiary (Horizontal)

IEEE 802.3: 10Base-T; 100Base-T;

1000Base-T;

IEEE 802.5 16 MB; ISDN; TPDDI; ATM

## Standards

EIA/TIA 568C;

ISO/IEC 11801 2<sup>nd</sup> ed.; IEC 61156-5

EN 50173; EN 50288-3-1

## Flame resistance

PVC IEC 60332-1

LSZH IEC 60332-1; IEC 60754;

IEC 61034

## Ordering Information

SAP IC	UC P/N	Product Description	P.U
TBA	62488	UC 400 Cat 6 UTP Bronze 24 AWG PVC	305m/box
TBA	62475	UC 400 Cat 6 UTP Bronze 24 AWG LSZH	305m/box