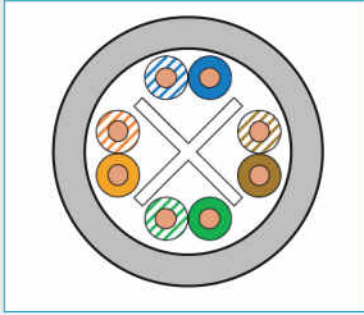


# UC400 23 Cat. 6 U/UTP

Premium, Solid



## 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

LSFRZH IEC 60332-3-24

## Construction

<b>Conductor</b>	Bare copper wire $\varnothing$ 0.56 mm (AWG23)
<b>Insulation</b>	PE, Nom. $\varnothing$ 0.98 mm
<b>Sheath</b>	PVC or LSZH
<b>Sheath colour</b>	PVC : Grey; LSZH : Grey
<b>Outer Diameter</b>	Nom. 6,3 mm
<b>Weight</b>	Nom. 40 kg /km

## Mechanical properties

<b>Minimum bending radius Installed</b>	4 x Diameter
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<b>Temperature range during operation</b>	-20°C up to +60°C
<b>Temperature range during installation</b>	0°C up to +50°C

## Electrical properties at 20°C

<b>Characteristic impedance (1-100 MHz)</b>	(100 $\pm$ 15) $\Omega$
<b>Characteristic impedance (100-250 Mhz)</b>	(100 $\pm$ 22) $\Omega$
<b>DC-loop resistance</b>	Nom. 150 $\Omega$ /km
<b>Resistance unbalance</b>	$\leq$ 2 %
<b>Mutual capacitance, nominal</b>	Nom. 50 pF /km
<b>Capacitance unbalance, maximum</b>	$\leq$ 1600 pF /km
<b>Propagation Delay, minimum margin to limit</b>	$\geq$ 800 nsec /km
<b>Delay Skew, maximum at 100MHz</b>	$\leq$ 400 nsec km
<b>Nominal velocity of propagation (NVP)</b>	Nom. 69%

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

## Ordering Information

SAP IC	UC P/N	Product Description	P.U
1000134	60088	UC 400 Cat 6 UTP 23 AWG PVC	305m/box
60017496	60075	UC 400 Cat 6 UTP 23 AWG LSZH	305m/box
60016055	60034	UC 400 Cat 6 UTP 23 AWG PE, Outdoor	500m/reel
TBA	60048	UC 400 Cat 6 UTP 23 AWG LSFRZH	305m/box