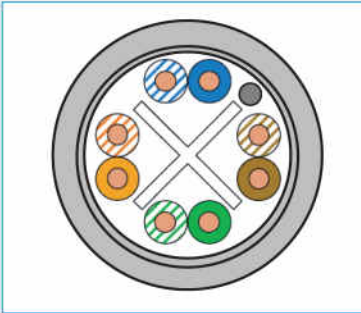


UC400 23 Cat. 6 F/UTP

Standard, 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 2nd 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

Conductor	Bare copper wire \varnothing 0.57 mm (AWG23)
Insulation	PE, Nom. \varnothing 0.95 mm
Sheath	PVC; alternative LSZH
Sheath colour	PVC : Grey; LSZH : Grey
Outer Diameter	Nom. 6.86 mm
Weight	Nom. 51.62 kg /km

Mechanical properties

Minimum bending radius Installed	4 x Diameter
Minimum bending radius Installed	4 x Diameter
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

Loop resistance	$\leq 176 \Omega / \text{km}$
Resistance unbalance	$\leq 2 \%$
Insulation resistance (500 V)	$\geq 2000 \text{ M}\Omega / \text{Km}$
Mutual capacitance	Nom. 43 nf /km
Capacitance unbalance (pair to ground)	$\leq 1500 \text{ pf} / \text{km}$
Nominal velocity of propagation	Nom. 67%
Test voltage (DC, 1 min)	Nom. 1000 V

- 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
TBA	61088	UC 400 Cat 6 F/UTP 23 AWG PVC	500m/reel
TBA	61075	UC 400 Cat 6 F/UTP 23 AWG LSZH	500m/reel
TBA	61048	UC 400 Cat 6 F/UTP 23 AWG LSFRZH	500m/reel