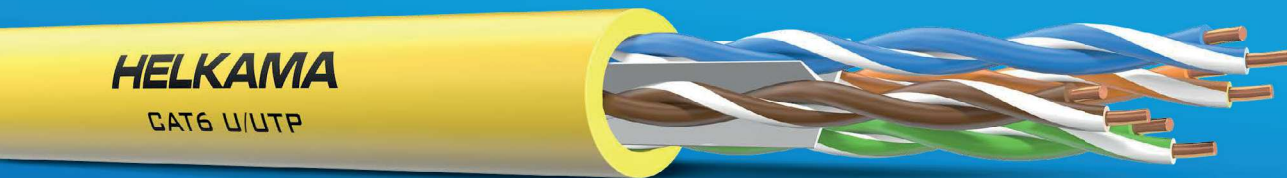


CAT 6

U/UTP 4 PR AWG 23/1



CONDUCTOR	Solid copper conductor 23 AWG/1
INSULATION	Solid PE
CONDUCTOR IDENTIFICATION	1. White & Blue 2. White & Orange 3. White & Green 4. White & Brown
SHEATH	LSZH
REFERENCE STANDARD	IEC 61156-5

PHYSICAL PROPERTIES:

RATED TEMPERATURE	75 °C
OPERATING TEMPERATURE RANGE	-20 °C - 75 °C
BENDING RADIUS	Installation 4 x outer diameter
MAX. RECOMMENDED PULLING TENSION	110 N
OUTER DIAMETER	6.1±0.30 mm
CABLE WEIGHT	40 kg/km

ELECTRICAL PROPERTIES:

MAX. CONDUCTOR DC RESISTANCE	93.8 Ω/km @20 °C
CONDUCTOR LOOP RESISTANCE	max. 19 Ω/100 m @20 °C
NOM. MUTUAL CAPACITANCE	nom. 5.6 nF/100 m
CAPACITANCE UNBALANCE PAIR TO GROUND	≤330 pF/km @1 kHz
INSULATION RESISTANCE	>5000 MΩ x km
IMPEDANCE	100±25 Ω @100 MHz
FIRE PERFORMANCE	IEC 60332-3-24 Dca-s2, d2, a1
IDENTIFICATION	Printed on the sheath: Manufacturer's name, Cable size and type, Fire performance, Lot number, Manufacturing date, Meter marking
PACKAGING	305 m box, 500 m drum

CAT 6

U/UTP 4 PR AWG 23/1

ITEM NUMBERS:

Part number	Item description	Colour	Part number	Item description	Colour
3310124042	U/UTP-CAT6, AWG23/1 305m BOX	Black	3311124042	U/UTP-CAT6, AWG23/1 500m	Black
3310224042	U/UTP-CAT6, AWG23/1 305m BOX	Yellow	3311224042	U/UTP-CAT6, AWG23/1 500m	Yellow
3310324042	U/UTP-CAT6, AWG23/1 305m BOX	Grey	3311324042	U/UTP-CAT6, AWG23/1 500m	Grey
3310424042	U/UTP-CAT6, AWG23/1 305m BOX	White	3311424042	U/UTP-CAT6, AWG23/1 500m	White
3310524042	U/UTP-CAT6, AWG23/1 305m BOX	Orange	3311524042	U/UTP-CAT6, AWG23/1 500m	Orange
3310624042	U/UTP-CAT6, AWG23/1 305m BOX	Blue	3311624042	U/UTP-CAT6, AWG23/1 500m	Blue
3310724042	U/UTP-CAT6, AWG23/1 305m BOX	Red	3311724042	U/UTP-CAT6, AWG23/1 500m	Red
3310824042	U/UTP-CAT6, AWG23/1 305m BOX	Green	3311824042	U/UTP-CAT6, AWG23/1 500m	Green

PERFORMANCE:

F (MHz)	ATT (dB/100 m)	RL (dB)	NEXT (dB)	PS NEXT (dB)	ACRF (EL FEXT) (dB/100 m)	PS ACRF (PS EL FEXT) (dB/100 m)	PD (ns/100 m)
1.0	1.8	37	95	85	94	83	538
4.0	3.5	34	97	88	92	73	523
8.0	5.0	36	89	87	82	68	519
10.0	5.6	38	81	80	77	65	517
16.0	7.1	41	87	82	81	60	515
20.0	8.0	46	92	75	83	58	514
25.0	9.0	40	87	82	82	56	513
31.2	10.1	37	79	73	70	56	513
62.5	14.5	32	69	69	59	48	511
100.0	18.4	31	71	68	59	46	510
200.0	26.6	32	67	41	42	40	509
250.0	30.0	32	66	39	38	37	509

F = Frequency

ATT = Attenuation

RL = Return Loss

NEXT = Near End Crosstalk

PS NEXT = Power Sum Near End Crosstalk

ACRF (EL FEXT) = Attenuation to Crosstalk Ratio Far End Crosstalk

PS ACRF (PS EL FEXT) = Power Sum Attenuation to Crosstalk Ratio Far End Crosstalk

PD = Phase Delay