



DATA CABLES

CAT 6 U / UTP

✓STUDIO ✓INSTALLATION

PVC

HD-SDI

ANALOG

DIGITAL

APPLICATION

These cables can be used to implement services such as Fast Ethernet, Ethernet, ATM networks, absolutely trouble-free. Likewise, the mechanical characteristics are perfectly suited for the application in tight cable channels and platforms due to their optimized construction

CONSTRUCTION DATA

Core Numbers x Section	4 x 2 x AWG 23
Stranded Copper Conductor	23 AWG Solid bare copper
Conductor Insulation	1,0 ± 0,05 mm ø PE
Conductor Color Code	Pair 1: Blue/White-Blue
ANSI/TIA/EIA-568 B.2	Pair 2: Orange/White-Orange
	Pair 3: Green/White-Green
	Pair 4: Brown/White/brown
Seperator	Pvc Filler
Outer Sheath	PVC
Outer Diameter	5,6 mm ø
Weight	3,7kg/100m

ELECTRICAL DATA

Conductor Resistance	< 69 ohm / km
Insulation Resistance	> 2000 MΩ x km
Capacitance	62 pF / m
Test voltage	800 V
	800 KHz

MHz	Near-end crosstalk (NEXT) loss dB	Power sum near-end crosstalk (PSNEXT) loss dB	Equal-Level far-end crosstalk (ELFEXT) dB	Power sum equal-Level far-end crosstalk (PSELFEXT) dB	Return loss dB	Insertion loss dB
1.0	74,3	72,3	67,8	64,8	20	2
4.0	65,3	63,3	55,7	52,7	23	3,8
8.0	60,8	58,8	49,7	46,7	24,5	5,3
10.0	59,3	57,3	47,8	44,8	25	6
16.0	56,3	54,3	43,7	40,7	25	7,6
20.0	54,8	52,8	41,7	38,7	25	8,5
25.0	53,3	51,3	39,8	36,8	24,3	9,5
31.25	51,9	49,9	37,9	34,9	23,6	10,7
62.5	47,4	45,1	31,8	28,8	21,5	15,4
100	44,3	42,3	27,8	24,8	20,1	19,8
155	41,5	39,5	23,9	20,9	18,8	25,1
200	39,8	37,8	21,7	18,7	18	29
250	38,3	36,3	19,8	16,8	17,3	32,8

MECHANICAL DATA

Minimum bending radius	8 x D (D= outer diameter)
Temperature range	- 30° C to + 70° C

■ BLACK
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