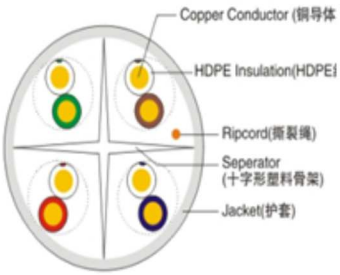
Cable UTP Cat6A (solido/rígido para instalaciones) LSZH de color AZUL

96092, 96096, 96097: CAT 6a network cable, blue	TECHNICAL DATA SHEET

100 Ω CAT6A UTP 4pairs cable category6A - 500MHz - Eca LSZH sheath





96092: 50m (ROLL)

96096: 100m (ROLL)

96097: 305m (BOX)

CABLE DESCRIPTION

1-CONDUCTOR
TYPE:SOLID-Bare copper
DIAMETER:0.57mm±0.005mm
AWG: 23 AWG

2-INSULATION
TYPE:HDPE
DIAMETER: 1.06mm±0.05mm

3-SYNTHETICAL SEPARTION FOIL:

4-DRAIN WIRE: no

5-SHIELDING: no

6-RIP CORD
YES

7-OUTER JACKET
TYPE: Eca LSZH
COLOUR:GREY
THICKNESS: 0.56mm±0.05mm
EXTERNAL DIAMETER: 6.3mm±0.5mm

PARAMETER	UNIT	VALUE
Max.linear tesistance.	Ω/km	≤68
Mutual capacity(nom.)	pF/m	56
Unbalance capacity max (p/p at 1 KHz)	pF/km	1600
Characteristic impedance (1 at 100 MHz)	Ω	100±15
VELOCITY OF PROPAGATION (f>1MHz)	%of c	66

Marking

CAT 6a network cable, U/UTP, blue
CU, AWG 23/1 (solid), LSZH

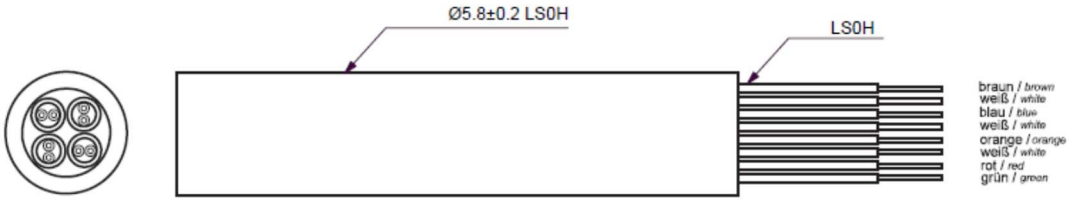
Test Request: Network Analyzer 100m

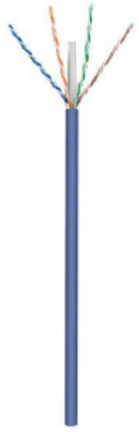
ELECTRICAL CHARACTERISTICS

Frequency (MHz)	Return loss(dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	20	1, 9	74	72, 3	68	65
4	23	3, 7	65	63, 3	56	53
8	24, 5	5, 3	60, 7	48, 8	49, 9	46, 9
10	25	5, 9	59	57, 3	48	45
16	25	7, 5	56	54, 2	43, 9	40, 9
20	25	8, 4	55	52, 8	42	39
25	24, 3	9, 5	53, 3	41, 3	40	37
31, 25	23, 6	10, 6	52	49, 9	38, 1	35, 1
62, 5	21, 5	15, 4	47	45, 4	32, 1	29, 1
100	20, 1	19, 8	44	42, 3	28	25
200	18	29	40	37, 8	22	19
250	17, 3	32, 8	38, 3	36, 3	20	17
300	16, 8	36, 4	37, 1	34, 1	18, 5	15, 5
500	15, 2	48, 9	33, 8	30, 8	14	11
550	14, 9	51, 8	33, 2	31, 2	12, 9	9, 9

OTHER CHARACTERISTICS

Reaction to fire: Eca;
EN 50575:2014+A1: 2016
FIRE BEHAVIOUR:IEC60332-2





Nr. / No.	Länge / Length (m)
96092	50
96096	100
96097	305

- Farbe: blau
- Cat 6a: 500 MHz
- Wellenwiderstand: 100 Ohm
- U/UTP PIMF
- 4 x 2 x AWG 23/1 Cu
- Isolierung: LS0H
- RoHS-konform

- *Color: blue*
- *Cat 6a: 500 MHz*
- *Impedance: 100 Ohms*
- *U/UTP PIMF*
- *4 x 2 x AWG 23/1 Cu*
- *Isolation: LS0H*
- *RoHS compliant*