

Cód. 2706 CABLE Optilan® UTP RÍGIDO Cat.6a LSZH 305m BLANCO



El cable Optilan® UTP rígido, ha sido diseñado para superar los requisitos establecidos por los organismos ISO/IEC, TIA y CENELEC para CAT.6^a, para dar soporte a aplicaciones 10 Gigabit Ethernet.

La cruceta que separa los pares, asegura que los sistemas instalados sean inmunes a los problemas de rendimiento que a veces se encuentran en las redes de cables de cobre de alta frecuencia y velocidad.

Suministro en bobinas de 305m de madera no retornables.

Electrical characteristics

Frequency (MHz)	Input Impedance (Ohms)	ATT (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	TCL (dB)	Delay (ns/100m)	PSANEXT (dB)	PSACCRF (dB)
4	100 ± 15	3.7	23.0	65.3	63.3	55.8	52.8	40.0	552.0	67.0	66.2
8	100 ± 15	5.2	24.5	60.8	58.8	49.7	46.7	40.0	546.7	67.0	60.1
10	100 ± 15	5.9	25.0	59.3	57.3	47.8	44.8	40.0	545.4	67.0	58.2
16	100 ± 15	7.4	25.0	56.2	54.2	43.7	40.7	38.0	543.0	67.0	54.1
20	100 ± 15	8.3	25.0	54.8	52.8	41.8	38.8	37.0	542.0	67.0	52.2
25	100 ± 15	9.3	24.3	53.3	51.3	39.8	36.8	36.0	541.2	67.0	50.2
31.25	100 ± 15	10.4	23.6	51.9	49.9	37.9	34.9	35.1	540.4	67.0	48.3
62.5	100 ± 15	14.9	21.5	47.4	45.4	31.9	28.9	32.0	538.6	65.6	42.3
100	100 ± 15	19.0	20.1	44.3	42.3	27.8	24.8	30.0	537.6	62.5	38.2
125	100 ± 25	21.4	19.4	42.8	40.8	25.9	22.9	29.0	537.2	61.0	36.3
200	100 ± 25	27.5	18.0	39.8	37.8	21.8	18.8	27.0	536.5	58.0	32.2
250	100 ± 25	31.0	17.3	38.3	36.3	19.8	16.8	26.0	536.3	56.5	30.2
300	100 ± 25	34.2	16.8	37.1	35.1	18.3	15.3	25.2	536.1	55.3	28.7
400	100 ± 25	40.0	15.9	35.3	33.3	15.8	12.8	24.0	535.8	53.5	26.2
500	100 ± 25	45.3	15.2	33.8	31.8	13.8	10.8	23.0	535.6	52.0	24.2



Physical characteristics

Structure

Construction	U/UTP
Number of pairs	4 Pairs

Conductor

AWG	23 AWG
Conductor material	Solid bare copper
Conductor dimension	0.6 ±0.02 mm
Cross Filler	Yes

Insulation

Insulation material	HDPE, FRPE
Insulation dimension	1.05 ±0.05 mm
Number colour (Strip marking)	White/Blue(Ring) & Blue White/Orange(Ring) & Orange White/Green(Ring) & Green White/Brown(Ring) & Brown
Individual shield & material	No
Outer shield & material	No
Drain Wire	No

Outer jacket

Outer jacket material	LSZH
Outer jacket thickness (Nom)	0.5 mm
Overall nominal dimension	9.5 ±0.3 mm

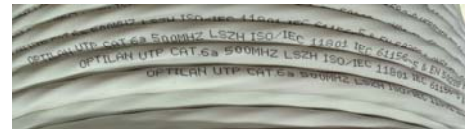
Mechanical characteristics

Operating temperature range	-20 °C ~ +75 °C
Bulk cable weight	76 kg/km
Max. recommended pulling tension	110 N
Min. bend radius (Install)	40mm
Flame Test	

Electrical characteristics

Nom. mutual capacitance	5.6 nF/100m (@1kHz)
Max.Capacitance Unbalance(pF/100m)	300 pF/100M
Nominal velocity of propagation	65%
Max. delay skew	45 ns/100m
Max. conductor DC resistance @ 20 Deg. C	7.32Ω/100M (23AWG)
Max. Conductor resistance unbalance	5% (@ 20 °C)
Min. insulation resistance	5000 MΩ·km
Max. operating voltage - UL	300 V

Leyenda del cable



Construcción

