

Cód. 2032EX CABLE Optilan® UTP Cat.6 rígido AWG24 EXTERIOR



Idóneo para todas aquellas instalaciones en las que es inevitable que un tramo tenga que pasar por exterior (fachadas, cubiertas...) siempre y cuando no se superen los 100m del enlace total.

Para redes de transmisión de datos, voz e imagen entre puntos fijos.

Suministro en bobinas de 305m de madera no retornables.

Electrical characteristics

Frecuencia	Characteristic Impedance Upper limit	Characteristic Impedance Lower limit	ATT	RL	NEXT	PS NEXT	ELFEXT	PS ELFEXT	PD
(MHz)	(Ω)	(Ω)	(dB/100m)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(ns/100 m Max)
1	122.2	81.8	2.0	20.0	74.3	72.3	67.8	64.8	570.0
4	115.2	86.8	3.8	23.0	65.3	63.3	55.8	52.8	552.0
8	112.6	88.8	5.3	24.5	60.8	58.8	49.7	46.7	547.0
10	111.9	89.4	6.0	25.0	59.3	57.3	47.8	44.8	545.0
16	111.9	89.4	7.6	25.0	56.2	54.2	43.7	40.7	543.0
20	111.9	89.4	8.5	25.0	54.8	52.8	41.8	38.8	542.0
25	112.9	88.5	9.5	24.3	53.3	51.3	39.8	36.8	541.0
31.25	114.1	87.7	10.7	23.6	51.9	49.9	37.9	34.9	540.0
62.5	118.3	84.5	15.4	21.5	47.4	45.4	31.9	28.9	539.0
100	121.9	82.0	19.8	20.1	44.3	42.3	27.8	24.8	538.0
200	128.8	77.6	29.0	18.0	39.8	37.8	21.8	19.8	537.0
250	131.5	76.0	32.8	17.3	38.3	36.3	19.8	16.8	536.0

Leyenda del cable: OPTILAN UP CAT.6 350MHZ PE (OUTDOOR) ISO/IEC11801&EN 50288&TIA/EIA 568.B.2.1 VERIFIED FOR GIGABIT ETHERNET-24AWGx4P



Physical characteristics

Structure

Construction	U/UTP
Number of pairs	4 Pairs

Conductor

AWG	24 AWG
Conductor material	Solid bare copper
Conductor dimension	0.535 ±0.02 mm

Insulation

Insulation material	HDPE
Insulation dimension	0.97 ±0.05 mm
Number colour (Strip marking)	White/Blue(Strip) & Blue White/Orange(Strip) & Orange White/Green(Strip) & Green White/Brown(Strip) & Brown

Cabling

Twisting lay length	≤ 30mm
Cabling lay length	≤ 200mm

Filler

Filler material	Yes
-----------------	-----

Shield

Individual shield & material	N/A
Primary overall shield & material	N/A
Secondary overall shield & material	N/A
Shield coverage	N/A

Outer jacket

Outer jacket material	PE (RESISTANT UV)
Outer jacket thickness (Nom)	0.5 mm
Overall nominal dimension	5.9 ±0.3 mm
Outer jacket rip cord	Yes
Outer jacket colour	Black

Mechanical characteristics

Operating temperature range	-20 °C ~ +75 °C
Bulk cable weight	39 kg/km
Max. recommended pulling tension	110 N
Min. bend radius (Install)	4 x O.D.
Outer jacket tensile strength	≥ 8.3 MPa
Outer jacket elongation	≥ 100%