



ON-210010 @ Outdoor CAT6 U/UTP Kablo 23AWG PE Siyah 500m



ON-210010 serisi CAT6 Dış Ortam Ethernet Data Kabloları Harici Tipi 100Base-TX ve 1000Base-T ethernet uygulamalarında kullanılır. Dış kılıf kalın PE malzemeden olup UV ışınlarına karşı dayanıklıdır. Direk toprağa gömülebilir. Elektromanyetik alanın yoğun olduğu noktalarda F/UTP yada SF/UTP tercih edilmelidir

ON-210010, ANSI/TIA-568.2-D ve IEC 61156-5 standartlarında yer alan tüm Category 6 kriterlerini fazlasıyla karşılamaktadır.

Ayrıca PoE+ özelliklerini de içeren IEEE 802.3at 2009 Part 3 Amendment 3 kriterlerine de uygundur.

ON-210010 serisi data kablolarının aşağıdaki standartlara uygunluğu test edilmiş ve doğrulanmıştır:

- Category 6 according to ANSI/TIA-568.2-D
- Category 6 according to IEC 61156-5 (for ISO/IEC-11801 2nd Edition)
- 250 MHz according to CENELEC EN 50288-5

Teknik Özellikler

- 4x2x23AWG U/UTP Cat6 100 Ohm Harici tip LAN Kablosu
- PE dış kılıf. SİYAH renk
- 250 Mhz
- Empedans 100Ohm
- Renk kodu: RAL 9005 SİYAH

Ölçüler ve Ambalaj

- Makara Çapı (R) : 39cm
- Makara Yüksekliği (H) : 27cm
- Ağırlığı : 25kg

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PHYSICAL AND MECHANICAL SPECS

Basic Conductor :	Solid, 23AWG bare annealed copper
Insulation :	Polyolefin .
Number of insulated conductors :	8, twisted in 4 pairs. (8 pairs in FIG-8 cables)
Color Code of Pairs :	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown.
Overall Tape Wrap :	None.
Overall shield :	None.
Drain wire :	None.
Inner Jacket :	LSOH Compound.
Inner Jacket Colour :	Grey RAL 7035.
Outer Jacket :	Heavy-duty, black, UV-resistant PE compound for outdoor use.
Outer Jacket Colour :	Black RAL 9005.
Standard Surface Marking :	Includes ONET Cabling P/N, cable description, Meter mark and Batch Number.
Pulling force :	50 N/mm ² max.
Short Term Bend Radius :	8xOD mm
Long Term Bend Radius :	4xOD mm
Storage Temperature :	-20 to +80C
Temperature operating range :	-20 to +60C
Installation temperature range :	0 to +50C
Flame Test :	IEC 60332-1
Conductor Size	UL 444.
Halogen content in LSOH cables	Null.

ELECTRICAL SPECS

Characteristic Impedance	100±6 Ohm @ 1-250 MHz
DC Resistance	93.0 Ohm/Km max.
Resistance unbalance	2% max.
Capacitance	45 pF/m nom. @ 1 KHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.
Voltage rating	72 Vdc max.
Dielectric strength	1500 Volts/1 minute min rms
Velocity of Propagation (NVP)	67-69%
Propagation Delay	514 + 36/f ^{1/2} nS/100m max @ 1-300 MHz
Propagation Delay Skew	35 nS/100m max @ 1-300 MHz
Insulation Resistance	5000 MegaOhm•Km min. @ 500 Vdc
Coupling attenuation	40 dB min @ 30-100 MHz 40-20Log(f/100) @100-300 MHz
Transfer Impedance	N/A

TRANSMISSION SPECS

FREQ. MHZ	Insertion Loss		NEXT		PS NEXT		EL FEXT		PS EL FEXT		RL		TCL		EL-TCTL					
	Max	Nom	Std	Min	Nom	Std	Min	Nom	Std	Min	Nom	Std	Min	Std		Min				
1.00	2.0	1.65	2.0	77.3	84.3	74.3	75.3	82.3	72.3	70.8	80	67.8	68.8	77	64.8	20.0	25	20.0	40	35
10.00	5.9	5.6	6.0	61.3	69.3	59.3	60.3	67.3	57.3	50.8	65	47.8	48.8	62	44.8	26.0	30	25.0	40	15
25.00	9.4	9.0	9.5	56.3	63.3	53.3	54.3	61.3	51.3	42.8	57	39.8	40.8	54	36.8	25.3	30	24.3	36	7.0
31.25	10.6	10.2	10.7	54.9	61.9	51.9	52.9	59.9	49.9	40.9	53	37.9	38.9	50	34.9	24.6	28	23.6	35.1	5.5
62.50	15.2	14.9	15.4	50.4	57.4	47.4	48.4	55.4	45.4	34.9	45	31.9	32.9	43	28.9	22.5	27	21.5	32	NS
100.00	19.6	19.2	19.8	47.3	54.3	44.3	45.3	52.3	42.3	30.8	43	27.8	28.8	40	24.8	21.1	26	20.1	30	NS
200.00	28.7	27.5	29.0	42.8	49.8	39.8	40.8	47.8	37.8	24.8	40	21.8	22.8	37	18.8	19.0	25	18.0	27	NS
250.00	32.6	31.0	32.8	41.3	48.3	38.3	39.3	46.3	36.3	22.8	37	19.8	20.8	34	16.8	18.3	25	17.3	26	NS