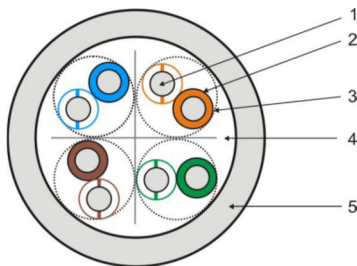


U/UTP CAT.6 AWG24 LSOH Dca BLANCO C/305 CCW6U24



CONSTRUCTION

- 1 – Conductor: 24 AWG, Solid Bare Annealed Copper.
- 2 – Insulation: Polyolefin.
- 3 – Varying short pair lay-length (4 pairs).
- 4 – Cross Filler.
- 5 – Sheath: LSHF material (for Euroclass Dca cable).

ELECTRICAL AND MECHANICAL CHARACTERISTICS

Max. dc Resistance (Ω /km) @20°C:	93.8
Nom. Mutual Capacity (nF/km)@1kHz:	56
NVP (% of light speed):	65
Mean input Impedance (Ω):	100 $\pm$ 5 @ 100MHz
Propagation delay (ns@10MHz):	max. 518
Delay Skew (ns/100m):	max. 40
Coupling Att dB (min.):	@30-100MHz 40 @100-1000MHz 40-20log(f/100)
Max. Pulling tension (N):	80

	Approx. Outer diameter (mm)	Approx. Weight (kg/Km)	Min
EUROCLASS DCA	5.4	35.7	22

REACTION TO FIRE

CLASS: **Dca-S2, d2, a1**
(according to EN 13501-6)

PART NUMBER / PACKAGING / CABLE MARK

Dca: **60099399** / Box 305m / CABLECEL CCW6U24 U/UTP CAT6 LSZH 4PR ISO/IEC11801 EN50173 VERIFIED 100 OHM
VPN=66% Class Dca-s2,d2,a1 OF . MTS

TRANSMISSION CHARACTERISTICS

Freq	ATTN	NEXT	PS-NEXT	ELFEXT (ACR-F)	PS-ELFEXT (PSACR-F)	ACR	PS-ACR	RL
MHz	dB/100m (max.)	dB (min.)	dB (min.)	dB/100m (min.)	dB/100m (min.)	dB/100m (min.)	dB/100m (min.)	dB/100m (min.)
1*	2,1	75,3	72,3	68,0	65,0	73.2	70.2	20,0
4	3,8	66,3	63,3	56,0	53,0	62.5	59.5	23,0
8	5,4	61,8	58,8	49,9	46,9	56.5	53.5	24,5
10	6,0	60,3	57,3	48,0	45,0	54.4	51.4	25,0
16	7,6	57,2	54,2	43,9	40,9	49.9	46.9	25,0
25	9,6	54,3	51,3	40,0	37,0	45.0	42.0	24,3
31.25	10,7	52,9	49,9	38,1	35,1	42.6	39.6	23,6
62.5	15,5	48,4	45,4	32,1	29,1	33.8	30.8	21,5
100	19,9	45,3	42,3	28,0	25,0	26.9	23.9	20,1
155	25,3	42,4	39,4	24,2	21,2	19.5	16.5	18,8
200	29,1	40,8	37,8	22,0	19,0	14.7	11.7	18,0
250	33,0	39,3	36,3	20,0	17,0	10.1	7.1	17,3
300*	36,6	38,1	35,1	18,5	15,5	6.1	3.1	17,3
350*	40,0	37,1	34,1	17,1	14,1	2.5	1.0	17,3

* For information only.

APPLICATIONS

10BASE-T (IEEE 802.3)
4/16 Mbps TOKEN RING (IEEE 802.5)
100BASE-VG-AnyLAN
100 Mbps TP-PMD (ANSI X3T9.5)
100BASE-T (IEEE 802.3)
55/155 Mbps ATM
1000BASE-T (Gigabit Ethernet)
1.2 Gbps ATM

STANDARDS

IEC 61156-5
EN 50288-6-1
EN 50173
ISO/IEC 11801
EN 50575
EN 50399
EN 13501-6

PAIRS COLOURS COMBINATIONS

- 1 White-Blue / Blue
- 2 White-Orange / Orange
- 3 White-Green / Green
- 4 White-Brown / Brown

Outer sheath colour (Dca): White [BL]

OTHER CHARACTERISTICS

Storage Temperature -20°C to 70°C

Operating Temperature -20°C to 70°C

Laying Temperature -5°C to +50°C (recommendation: between -5°C and +5°C, prior storage 24h at 20°C)