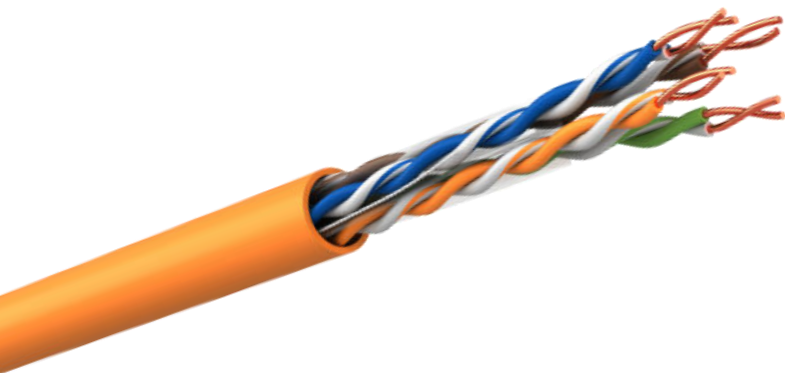


CATEGORY 6

U/UTP CABLE

NCB-C6UORGR-305-24

D-Link®



Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs.

Supports 1Gigabit Ethernet(1000BASE-T) standard.
Operates at bandwidth of 250MHz

Compliant to ANSI/TIA-568.2-D & ISO/IEC 11801

CONSTRUCTION

Conductor	: 24 AWG Solid bare Copper
Insulation	: High Density Polyethylene
Pairs	: 2 Insulated conductors twisted together
Sheath	: PVC
Sheath Colour	: Orange
Cable Length	: 305m
Cable Diameter	: 5.6± 0.2mm nominal

MECHANICAL CHARACTERISTICS

Bending Radius	: < 8 x Cable Diameter at +20°C ± 1°C
Pulling Force	: 11.5 Kgs
Temperature Range	
Installation	: 0 °C +50 °C installation
Operation	: -20 °C +60 °C operating

COLOUR CODE

<u>PAIR NO</u>	<u>COLOUR</u>
1-2	Orange/White & Orange
3-6	Green/White & Green
4-5	Blue/White & Blue
7-8	Brown/White & Brown

ELECTRICAL CHARACTERISTICS

Characteristic Impedance	: 100 ± 15 Ω
Conductor resistance	: < 95Ω/1Kkm
Mutual Capacitance	: 50 nF/km
Resistance Unbalance	: ≤ 2 %
Insulation resistance	: ≥ 5000 MΩxkm
Operating voltage	: 72 V DC
NVP	: 69%

COPPER CABLES



dlinkmea.com/scs

U/UTP CABLE

NCB-C6UORGR-305-24

TRANSMISSION CHARACTERISTICS

Frequency MHz	Attenuation dB/100m		NEXT dB	PS-NEXT dB	ACR-F dB/100m	PS-ACR-F dB/100m	RL dB
	Typ	Max.					
1	2,1	2,1	75	72	68	65	20
4	3,8	3,8	66	63	56	53	23
8	5,4	5,4	62	59	50	47	25
10	6,0	6,0	60	57	48	45	25
16	7,6	7,6	57	54	44	41	25
20	8,5	8,5	56	53	42	39	25
25	9,6	9,6	54	51	40	37	24
30	10,5	10,5	53	50	38	35	24
31,25	10,8	10,8	53	50	38	35	24
62,5	15,5	15,5	48	45	32	29	22
100	19,9	19,9	45	42	28	25	20
155	25,3	25,3	42	39	24	21	19
200	29,1	29,1	41	38	22	19	18
250	31,0	33,0	39	36	20	17	17

CONNECTION SYSTEM

Compatible with all common systems according to ANSI/TIA-568.2-D & ISO/IEC 11801

ORDERING INFORMATION

MODEL NAME

DESCRIPTION

NCB-C6UORGR-305-24

Cat.6 UTP 24AWG CABLE,PVC,305mtr roll,Orange Sheath

