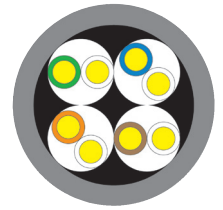
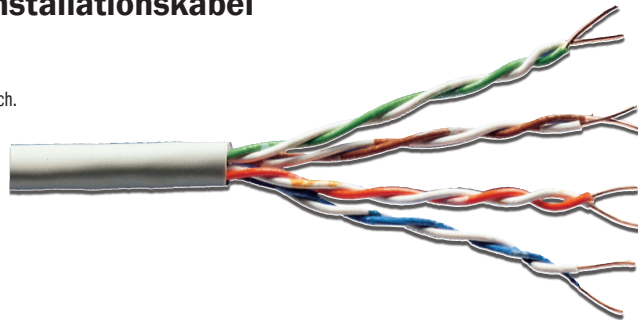


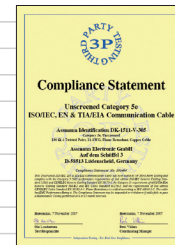
## DIGITUS® CAT 5e U-UTP Twisted Pair Installationskabel

4x2xAWG24 U-UTP CAT 5e 100 MHz Datenkabel  
 Geeignet für die strukturierte Gebäudeverkabelung im sekundären und tertiären Bereich.  
 Zum Aufbau von Verkabelungsstrecken der Klasse D, 100 MHz.  
 Konform zu den Normen ISO/IEC 11801, DIN EN 50173, DIN EN 50288-3-1



Physical Description	
Basic Conductor	solid AWG 24/1, bare annealed copper
Insulation	PE
Total number of insulated conductors	8, twisted in 4 pairs
Color code	blue x white, orange x white, green x white, brown x white
Individual pair shield	none
Overall shield	none
Outer jacket	PVC
Color	grey

Electrical Properties	
DC loop resistance	≤ 190Ω km
Resistance unbalance	≤ 2%
Insulation resistance (500 V)	≥ 2000MΩ *km
Capacitance at 800 Hz	nom. 48 nF/km
Capacitance unbalance (pair to ground)	≤ 1500 pF/km
Characteristic impedance (1-100 MHz)	(100 ± 15) Ω
Nominal velocity of propagation	approx. 67 %
Propagation delay	Nominal ≤ 535 ns/100m
Delay skew	Nominal ≤ 45 ns/100m
Test voltage (DC, 1 min) Core/Core	1000 V
Coupling attenuation	≥ 40 dB



Transmission Properties						
FREQ. MHz	Absorbability dB/100m	NEXT dB	PS NEXT dB	ACR dB/100m	PS ACR dB/100m	Return loss dB
	Typ	Typ	Typ	Typ	Typ	Typ
1	3	60	57	57	54	19
4	3,9	54,8	51,8	50,9	47,9	19
8	5,5	50	47	44,5	41,5	19
10	6,2	48,5	45,5	42,3	39,3	19
16	7,9	45,2	42,2	37,3	34,3	19
20	8,9	43,7	40,7	34,8	31,8	19
25	10	42,1	39,1	32,1	29,1	18
31,25	11,2	40,5	37,5	29,3	26,3	17,1
62,5	16,2	35,7	32,7	19,4	16,4	14,1
100	21	32,3	29,3	11,3	8,3	12

**241072 / DK-1511-V-1**  
 100m ring, CAT 5e U-UTP Twisted Pair Installation Cable

**241126 / DK-1511-V-305**  
 305m ring, CAT 5e U-UTP Twisted Pair Installation Cable