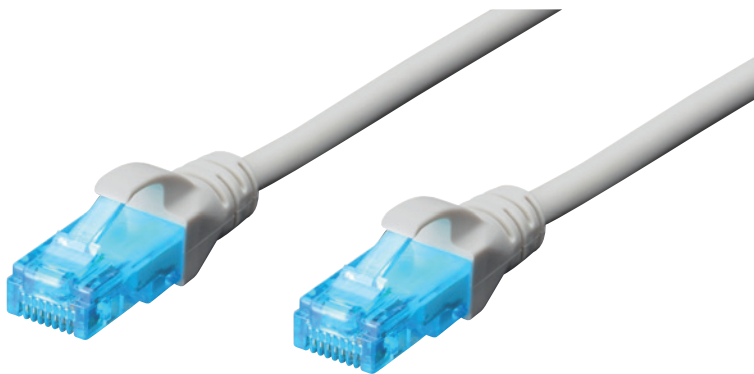


DIGITUS®

Professional

DIGITUS® Category 5e, U-UTP Twisted Pair Patch Cable – PVC



- ✓ 15 Year Product Warranty
- ✓ 25 Year System Warranty
- ✓ Bend and latch protection
- ✓ Blue colored plug for CAT5e
- ✓ Various lengths and colors available
- ✓ Category 5e Compliant, ISO/IEC 11801, DIN EN 50173, DIN EN 50288-5-1

Abstract

DIGITUS® CAT 5e U-UTP patch cable, various lengths, PVC, AWG 26, basic colors

Features

- 25 Year System Warranty
- 15 Year Product Warranty
- New designed plug with bend latch protection
- Category 5e compliant
- Various range of colors and length

Product Overview

The new DIGITUS® Category 5e U-UTP patch cables are manufactured and tested to the ISO/IEC 11801, DIN EN 50173 and DIN EN 50288-5-1 Category 5e specifications. DIGITUS® patch cables will guarantee the installed cabling system is compliant with the ISO & EN channel specification requirements and will provide optimum performance levels of DIGITUS® Category 5e cabling. The patch cables have a new reworked plug with bend and latch protection and prevents snagging the cable and also protects the latching lever before break. You can easily identify the Category 5e because of the new blue colored connector.

DIGITUS® offers a various color and length of patch cable with a blade style strain relief boot. The cable length is stated on each connector and it is suitable for use in routers, switches, servers and other active and passive components. The RJ45 connector with 3µm gold plated staggered pins is made for high quality applications. The cables are packed in individual DIGITUS® polybags.

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Performance Overview

DIGITUS® Category 5e U-UTP patch cables are manufactured and tested to the ISO/IEC and DIN Standards bodies. The performance characteristics are tested up to 100 MHz including NEXT and ELFEXT as well as return loss. The performance meets the required standards, the DIGITUS® patch cables are made to fulfill the high demand of applications.

Performance and Specification Overview

Performance and Specification Overview	
Conductor	AWG 26 CCA 7/0.16 +/-0.015mm
Color Code	Orange x White, Green x White, Blue x White, Brown x White
Insulation	HD-PE
Outer Sheath	PVC
Outer Diameter	4.9mm +/- 0.3 mm
RJ45 Connector	3µin (microinch) minimum Gold plate in localised area (Gold flash over remainder) over 100 µin (microinch) Nickel undercoat contact pins
Durability	750 Insertion cycles
Contact Resistance	230Ω maximum
Resistance Unbalance	2% maximum
Dielectric Strength	2500VDC for 3 seconds
Unsulation Resistance	150MΩ/km minimum
Operating Temperature	-20 °C to + 60 °C
Flame Retardant	
Smoke Emission	
Colors	Various colors available on request
Marking	Brand name, cable length and cable information

Technical Performance

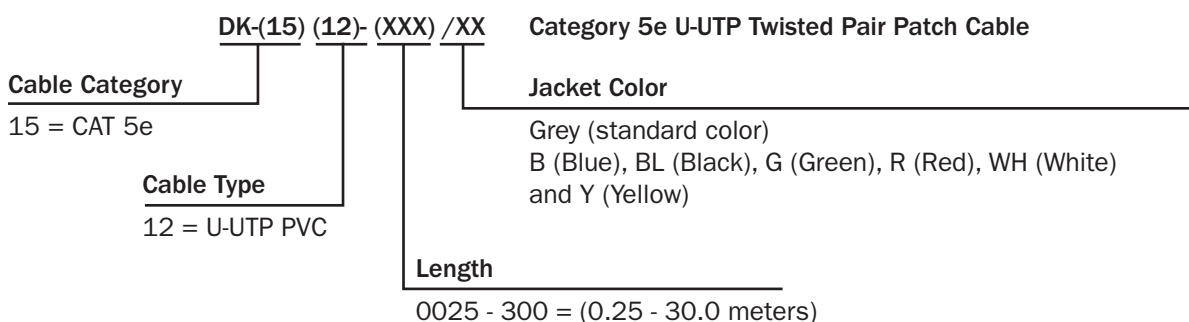
Technical Performance								
Freq. (MHz)	Insertion Loss (dB)	NEXT (dB)	RL (dB)	ACR-N (dB)	ACR-F (dB)	PS NEXT (dB)	PS ACR-N (dB)	PS ACR-F (dB)
1,00	4,00	60,00	17,00	56,00	57,40	57,00	53,00	54,40
4,00	4,50	53,50	17,00	49,00	45,40	50,50	46,00	42,40
8,00	6,40	48,60	17,00	42,20	39,30	45,60	39,20	36,30
10,00	7,20	47,00	17,00	39,80	37,40	44,00	36,80	34,40
16,00	9,10	43,60	17,00	34,50	33,30	40,60	31,50	30,30
20,00	10,20	42,00	17,00	31,80	31,40	39,00	28,80	28,40
25,00	11,50	40,30	16,00	28,90	29,40	37,30	25,90	26,40
31,25	12,90	38,70	15,10	25,80	27,50	35,70	22,80	24,50
62,50	18,60	33,60	12,00	15,00	21,50	30,60	12,00	18,50
100,00	24,00	30,10	10,00	6,10	17,40	27,10	3,10	14,40

The results in the above table are typical for Category 5e patch leads 2m, 5m upto 10m in lengths

DIGITUS® Category 5e, U-UTP Twisted Pair Patch Cable – PVC

Color code system and length configurations

Category 5e U-UTP Cable Assemblies



System Warranty

The DIGITUS® System Warranty provides 25-year product and applications assurance of compliance with the industry performance standard appropriate to the class of cabling installed. The System Warranty will be applied by a certified DIGITUS® Partner who has installed the said system.



DIGITUS® Category 5e, U-UTP Twisted Pair Patch Cable – PVC

Part Number Information

	grey/grau	red/rot	yellow/gelb	green/grün	blue/blau	black/schwarz	white/weiß
0,25 m	DK-1512-0025 317340	DK-1512-0025/R 317517	DK-1512-0025/Y 317531	DK-1512-0025/G 317494	DK-1521-0025/B 317487	DK-1521-0025/BL 317500	DK-1512-0025/WH 317524
0,5 m	DK-1512-005 198673	DK-1512-005/R 198901	DK-1512-005/Y 198918	DK-1512-005/Y 198925	DK-1512-005/B 198680	DK-1521-005/BL 320722	DK-1512-005/WH 317562
1,0 m	DK-1512-010 198710	DK-1512-010/R 198932	DK-1512-010/Y 199014	DK-1512-010/G 199090	DK-1512-010/B 198819	DK-1512-010/BL 317838	DK-1512-010/WH 317852
2,0 m	DK-1512-020 198734	DK-1512-020/R 198949	DK-1512-020/Y 199021	DK-1512-020/G 199106	DK-1512-020/B 198826	DK-1512-020/BL 318026	DK-1512-020/WH 318033
3,0 m	DK-1512-030 198741	DK-1512-030/R 198956	DK-1512-030/Y 199038	DK-1512-030/G 199113	DK-1512-030/B 198833	DK-1512-030/BL 318125	DK-1512-030/WH 318132
5,0 m	DK-1512-050 198758	DK-1512-050/R 198963	DK-1512-050/Y 199045	DK-1512-050/G 199120	DK-1512-050/B 198840	DK-1512-050/BL 320739	DK-1512-050/WH 318262
7,0 m	DK-1512-070 198765	DK-1512-070/R 198970	DK-1512-070/Y 199052	DK-1512-070/G 199137	DK-1512-070/B 213369	DK-1512-070/BL 318378	DK-1512-070/WH 318392
15,0 m	DK-1512-150 198789						
20,0 m	DK-1512-200 198796						
25,0 m	DK-1512-250 318583						
30,0 m	DK-1512-300 318651						

