

# DIGITUS®

Professional

## DIGITUS® Category 5e, F-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 F-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 F-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 3µin gold plated staggered pins is made for high quality applications. The cables are packed in individual DIGITUS® polybags.

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

### Performance Overview

DIGITUS® Category 5e F-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

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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	5.2mm +/- 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
Insulation 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

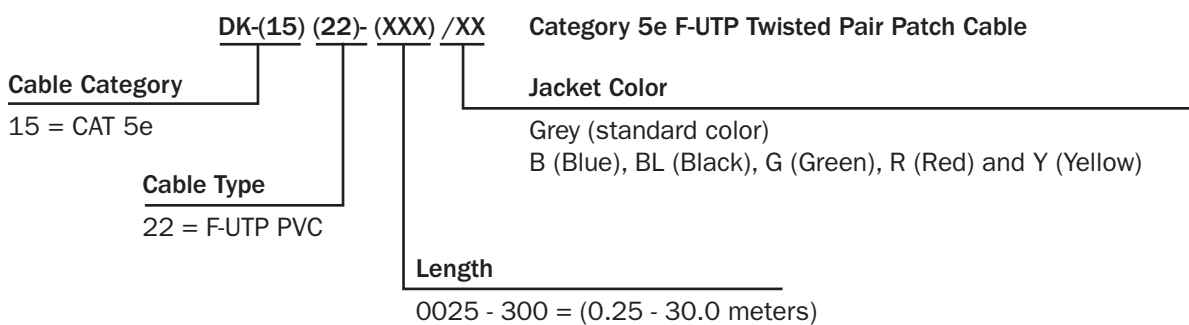
Technical Performance								
Freq. (MHz)	Insertion Loss (dB)	NEXT (dB)	RL (dB)	ACR-N (dB)	ACR-F (dB)	PS NEXT (dB)	PS ACR-N (dB)	PS ACR-F (dB)
1,00	4,00	60,00	17,00	56,00	57,40	57,00	53,00	54,40
4,00	4,50	53,50	17,00	49,00	45,40	50,50	46,00	42,40
8,00	6,40	48,60	17,00	42,20	39,30	45,60	39,20	36,30
10,00	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, F-UTP Twisted Pair Patch Cable – PVC

#### Color code system and lenght configurations

Category 5e F-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, F-UTP Twisted Pair Patch Cable – PVC

#### Part Number Information

	grey/grau	red/rot	yellow/gelb	green/grün	blue/blau	black/schwarz
0,25 m	DK-1522-0025 319900	DK-1522-0025/R 319948	DK-1522-0025/Y 319962	DK-1522-0025/G 319931	DK-1522-0025/B 319917	DK-1522-0025/BL 319924
0,5 m	DK-1522-005 198697	DK-1522-005/R 199267	DK-1522-005/Y 199281	DK-1522-005/G 199274	DK-1522-005/B 199250	DK-1522-005/BL 319979
1,0 m	DK-1522-010 199175	DK-1522-010/R 199373	DK-1522-010/Y 199458	DK-1522-010/G 99533	DK-1522-010/B 199298	DK-1522-010/BL 320791
2,0 m	DK-1522-020 199182	DK-1522-020/R 199380	DK-1522-020/Y 199465	DK-1522-020/G 199540	DK-1522-020/B 199304	DK-1522-020/BL 320814
3,0 m	DK-1522-030 199199	DK-1522-030/R 199397	DK-1522-030/Y 199472	DK-1522-030/G 199557	DK-1522-030/B 199311	DK-1522-030/BL 320838
5,0 m	DK-1522-050 2199205	DK-1522-050/R 199403	DK-1522-050/Y 199489	DK-1522-050/G 199564	DK-1522-050/B 199328	DK-1522-050/BL 320852
7,0 m	DK-1522-070 199212	DK-1522-070/R 199410	DK-1522-070/Y 199496	DK-1522-070/Y 199571	DK-1522-070/B 199335	DK-1522-070/BL 320883
10,0 m	DK-1522-100 199229	DK-1522-100/R 199427	DK-1522-100/Y 199502	DK-1522-100/G 199588	DK-1522-100/B 199342	DK-1522-100/BL 320968
15,0 m	DK-1522-150 199236					
20,0 m	DK-1522-200 199243					
25,0 m	DK-1522-250 321088					
30,0 m	DK-1522-300 321224					

