

DIGITUS® Category 5e, SF-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 SF-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 SF-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.

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

Performance Overview

DIGITUS® Category 5e SF-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	5.3mm +/- 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

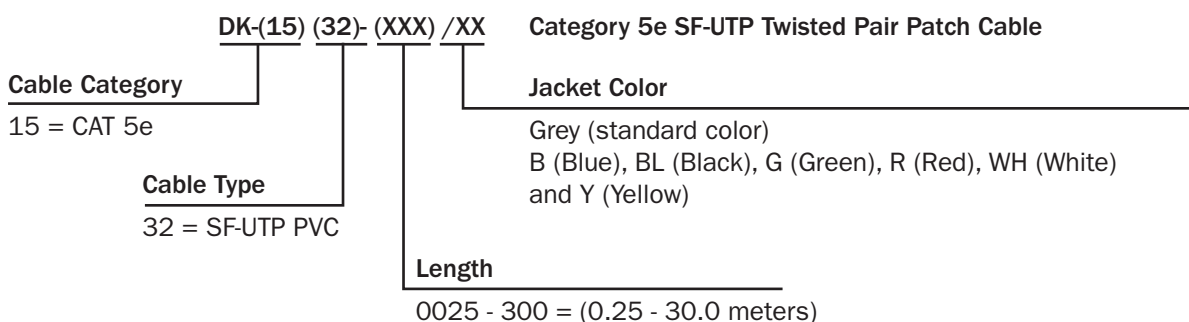
Technical Performance								
Freq. (MHz)	Insertion Loss (dB)	NEXT (dB)	RL (dB)	ACR-N (dB)	ACR-F (dB)	PS NEXT (dB)	PS ACR-N (dB)	PS ACR-F (dB)
1,00	4,00	60,00	17,00	56,00	57,40	57,00	53,00	54,40
4,00	4,50	53,50	17,00	49,00	45,40	50,50	46,00	42,40
8,00	6,40	48,60	17,00	42,20	39,30	45,60	39,20	36,30
10,00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

Color code system and lenght configurations

Category 5e SF-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, SF-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-1532-0025 320890	DK-1532-0025/R 320944	DK-1532-0025/Y 321026	DK-1532-0025/G 328308	DK-1532-0025/B 320906	DK-1532-0025/BL 320913	DK-1532-0025/WH 320982
0,5 m	DK-1532-005 198703	DK-1532-005/R 199625	DK-1532-005/Y 199632	DK-1532-005/G 213727	DK-1532-005/B 199618	DK-1532-005/BL 321057	DK-1532-005/WH 321095
1,0 m	DK-1532-010 199656	DK-1532-010/R 199816	DK-1532-010/Y 199922	DK-1532-010/G 200000	DK-1532-010/B 199731	DK-1532-010/BL 321163	DK-1532-010/WH 321194
2,0 m	DK-1532-020 199663	DK-1532-020/R 199823	DK-1532-020/Y 199939	DK-1532-020/G 200024	DK-1532-020/B 199748	DK-1532-020/BL 321323	DK-1532-020/WH 321330
3,0 m	DK-1532-030 199670	DK-1532-030/R 199830	DK-1532-030/Y 199946	DK-1532-030/G 200048	DK-1532-030/B 199755	DK-1532-030/BL 321408	DK-1532-030/WH 321460
5,0 m	DK-1532-050 199687	DK-1532-050/R 199847	DK-1532-050/Y 199953	DK-1532-050/G 200055	DK-1532-050/B 199762	DK-1532-050/BL 321552	DK-1532-050/WH 320982
7,0 m	DK-1532-070 199694	DK-1532-070/R 199854	DK-1532-070/Y 213994	DK-1532-070/G 200062	DK-1532-070/B 199779	DK-1532-070/BL 320937	DK-1532-070/WH 320951
10,0 m	DK-1532-100 199700	DK-1532-100/R 199861	DK-1532-100/Y 200017	DK-1532-100/G 200079	DK-1532-100/B 199786	DK-1532-100/BL 321002	DK-1532-100/WH 321033
15,0 m	DK-1532-150 199717						
20,0 m	DK-1532-200 199724						
25,0 m	DK-1532-250 321187						
30,0 m	DK-1532-300 321378						

