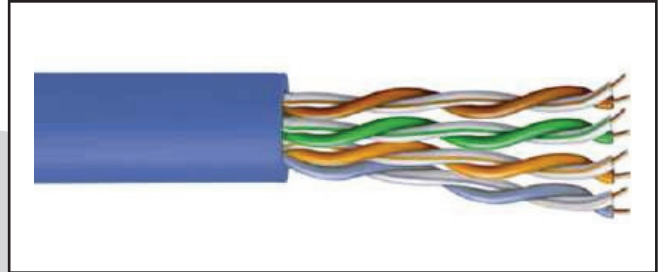


DNS CABLE CAT5e UTP PE

- 100% tested acc. to ISO/IEC 11801; EN 50173-1; ANSI/TIA-568-C
- 25 Year DNS Warranty
- RoHS Compliant



FEATURES

- 25 year DNS Warranty
- Rip Cord
- UVHD-PE Black Outer Sheath
- 24AWG conductor
- 305m Box
- 100% tested acc. to ISO/IEC 11801; EN 50173-1

CONSTRUCTION

Outer Diameter(± 0.2 mm)	5.5mm
Jacket Nom. Thickness	PE 0.6mm
Conductor	Solid Bare Copper 0.510mm AWG24
Operating Temperature Range	-40 to +60C
Minimum Bend Radius	4x overall diameter installed, 8x during installation
Cable Weight	3,21 Kg/100m
305m Box Weight	10.8 Kg (inc. box)
Box Dimensions	200mm wide x 350mm high x 350mm deep

PERFORMANCE OVERVIEW

Category 5e cables are manufactured and tested to the Category 5e performance standards defined by the TIA, ISO and EN standards bodies. Actual performance far exceeds the required standard.

The cable is also compatible with Category 5 components.

PERFORMANCE TEST DATA

Freq MHz	NEXT (dB)	ATT(dB)	RL (dB)	PS NEXT(dB)	ELFEXT (dB)	PS ELFEXT (dB)
	DNS	DNS	DNS	DNS	DNS	DNS
1	65.3	2.4	20.0	62.3	63.8	60.8
10	50.3	7.8	25.0	47.3	43.8	40.8
16	47.3	9.9	25.0	44.4	39.7	36.7
20	45.8	11.1	25.0	42.8	37.7	34.7
25	44.4	12.5	24.2	41.3	35.8	32.8
31.25	42.9	14.1	23.3	39.9	33.9	30.9
62.5	38.4	20.4	20.7	35.4	27.8	24.8
100	35.3	26.4	19.0	32.3	23.8	20.8

TYPICAL APPLICATIONS

- 1000BASE-T Gigabit Ethernet
- LAN networks
- Audio
- Video
- 100BASE-TX Ethernet
- Horizontal cabling
- Telephone

DNS WARRANTY SYSTEM

The DNS System Warranty provides a 25-year product and applications warranty. The guarantee cover system and application performance according to EN50173-1:2002, ANSI/TIA/EIA-568-B.2:2002 and ISO/IEC 11801-2 at the time of proper signed application form. The warranty may be applied by the certified DNS Partner.