Data Land

Cu **Copper Cable**
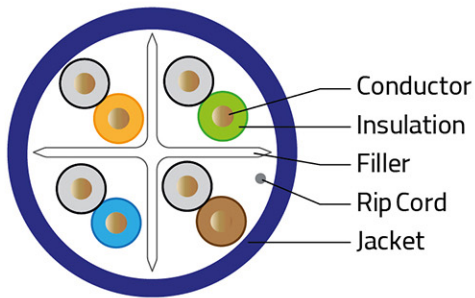CATEGORY 6

FLUKE networks™ ✓

LAN Cable
Cat 6 | 1000 Mbps

Cat 6 UTP

- Conductor
- Insulation
- Filler
- Rip Cord
- Jacket

CAT6 cable is one of the sophisticated improved cables in terms of quality. Pure copper rod of 23 AWG standard and approved with the UL & CM fire-rating standard is used for producing this kind of cable. The cable reel is 305m that can ease the installation process. This cable has a higher quality of standard and improved headroom, packed in coil less boxes.

Category 6
Cat 6 U/UTP, Class E

Spesifications

- 100 ohms, 250 MHz, AWG23, 4 pairs without screen
- 23AWG conductors
- Pure copper rod

Performances

- complies with Category 6 ANSI/TIA/EIA-568 & ISO/IEC 11801 Standard

NEXT	Nominal	Standard IEC
100MHz	38.3dB	>39.3dB

Use

- Support transmission of digital and analogue voice. Data and video signal
- Supports Gigabit Ethernet(1000 Base-T)

Type	Diameter	Sheats	Length	Ref No.
4pair cable	6.4mm	PVC	305	DL6UPVCBL
4pair cable	6.5mm	LSZH	305	DL6ULSZHGR

LinkWare™ PC
CABLE TEST MANAGEMENT SOFTWARE

**Cable ID: DATALAND SIX PLUS**

Date / Time: 10/22/2020 05:30:28 PM
Headroom 8.3 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Perm. Link
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Operator: IRSA
Software Version: V5.6 Build 5
Limits Version: V6.4
Calibration Date:
  Main (Module): 10/10/2017
  Remote (Module): 10/10/2017

Test Summary: PASS

Model: DSX-5000
Main S/N: 2525377
Remote S/N: 2525565
Main Adapter: DSX-PLA004
Remote Adapter: DSX-PLA004

Length (m), Limit 90.0	[Pair 12]	90.8
Prop. Delay (ns), Limit 498	[Pair 36]	454
Delay Skew (ns), Limit 44	[Pair 36]	15
Resistance (ohms)	[Pair 36]	13.07
Insertion Loss Margin (dB)	[Pair 36]	2.3
Frequency (MHz)	[Pair 36]	250.0
Limit (dB)	[Pair 36]	31.1
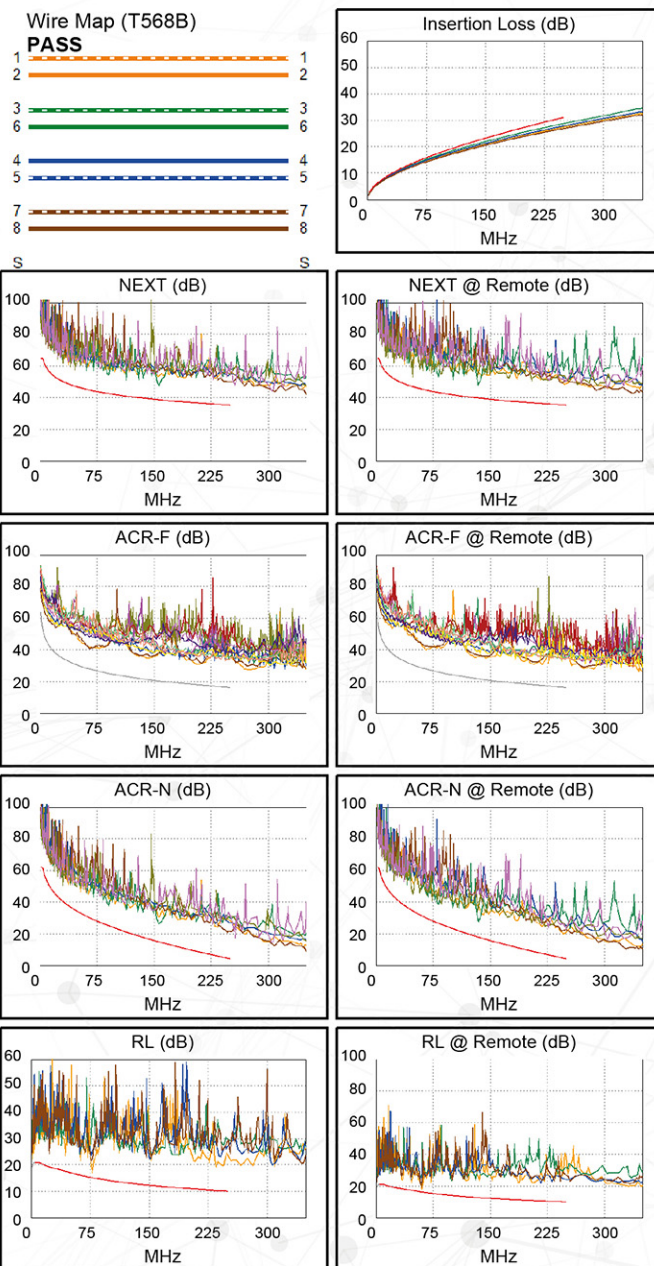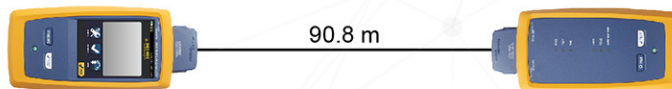
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	9.3	8.3	9.3	8.3
Freq. (MHz)	156.0	134.5	156.0	134.5
Limit (dB)	38.7	39.7	38.7	39.7
Worst Pair	12	12	12	36
PS NEXT (dB)	10.6	10.3	10.6	12.3
Freq. (MHz)	156.5	134.5	156.5	246.0
Limit (dB)	36.1	37.2	36.1	32.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	12-36	12-36
ACR-F (dB)	12.9	12.2	13.0	12.5
Freq. (MHz)	65.5	65.3	207.0	212.5
Limit (dB)	27.9	27.9	17.9	17.6
Worst Pair	12	36	12	12
PS ACR-F (dB)	15.4	14.5	15.7	15.0
Freq. (MHz)	145.0	65.3	212.0	211.0
Limit (dB)	18.0	24.9	14.7	14.7
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-36
ACR-N (dB)	11.4	10.0	16.2	15.3
Freq. (MHz)	156.0	134.5	246.5	247.0
Limit (dB)	14.9	17.9	4.6	4.5
Worst Pair	12	36	36	36
PS ACR-N (dB)	13.1	11.8	16.6	14.6
Freq. (MHz)	156.5	47.8	246.5	246.0
Limit (dB)	12.3	32.1	2.0	2.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	12	12
RL (dB)	2.6	1.6	2.6	1.6
Freq. (MHz)	78.0	59.8	78.0	59.8
Limit (dB)	15.1	16.2	15.1	16.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

90.8 m

Wire Map (T568B)
PASS

Insertion Loss (dB)

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 9.8

FLUKE
networks™

SIX PLUS
CAT6 LAN Cable

DataLand Network

DataLand Networks infrastructures was emerged in 2006 with a view to meet the needs in end-to-end solution for passive network products. Manufacturing started with the sales distributions of copper cable and the assembly of keystone and jacks. From these beginnings, the company has been on an ascending path. The progress was self-stimulating as the demands in the market rose; subsequently distribution was raised and expanded. The business grew and demand for various other items kept coming up. Therefore, the products range developed to End-to-End solutions over a period of years.

Sales Representative