

Copper Structured Cabling Solutions

Category 8 Cable

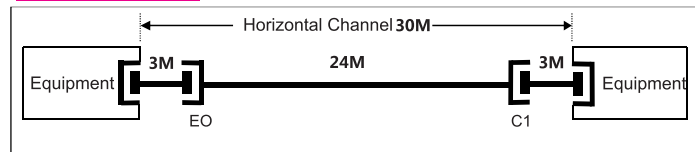
Category 8.1 Solution

Global **SIX**

Key Features

- Comply with ANSI/TIA-568-C.2-1 Cat.8.1 and ISO/IEC 11801-1,ed.1
- Support 25G BASE-T and 40G BASE-T
- Cable wire gauge: 22AWG
- Patch cable wire gauge: 24AWG
- Cable outer diameter: 6.0mm-8.5mm
- Suitable for PoE+(IEEE802.3at) applications
- Supports bandwidths of 2000MHz at Channel length up to 30 meters

Channel Test



Channel Test Report

Cable ID: CAT.8 CHANNEL TEST 2000MHz - 3M/24M/3M				PASS	
Cat 8 S/FTP 2017-08-18 13:31		ISO11801 Channel Class I DSX-8000		Headroom (NEXT): 4.3 dB S/N: 1715083	
Tests	Detail	Status	Value	Limit	Margin
Insertion Loss (dB)	Pair 36, 1990.0 MHz	PASS	30.9	32.6	1.7
NEXT (dB)	Pair 36-45, 1020.0 MHz	PASS	23.6	19.3	4.3
PS NEXT (dB)	Pair 36, 1228.0 MHz	PASS	18.8	13.7	5.1
ACR-N (dB)	Pair 12-36, 67.8 MHz	PASS	44.2	38.1	6.1
PS ACR-N (dB)	Pair 36, 68.0 MHz	PASS	41.3	35.0	6.3
ACR-F (dB)	Pair 78-36, 1898.0 MHz	PASS	10.1	6.4	3.7
PS ACR-F (dB)	Pair 36, 1884.0 MHz	PASS	7.0	3.5	3.5
RL (dB)	Pair 45, 1370.0 MHz	PASS	13.8	8.0	5.8
Length (m)	Pair 12		32.3		
Prop. Delay (ns)	Pair 36	PASS	139	169	30
Delay Skew (ns)	Pair 36	PASS	1	16	15
Resistance (ohms)	Pair 78	PASS	4.14	6.40	2.26
Resistance Unbalance (ohms)	Pair 45	PASS	0.019	0.200	0.181
Resistance P2P Unbalance (ohms)	Pair 45-78	PASS	0.032	0.140	0.108
Wire Map		PASS			

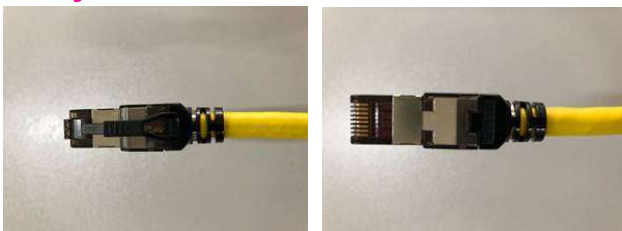


Rj45 Field Termination Plug & Keystone Jack



Patch Cord

Both ends with RJ45 plugs & assembly boot, mainly used for stranded cables



Toolless Termination plugs, used for both solid and stranded cables

