

# Copper Structured Cabling Solutions

Category 8 Cable

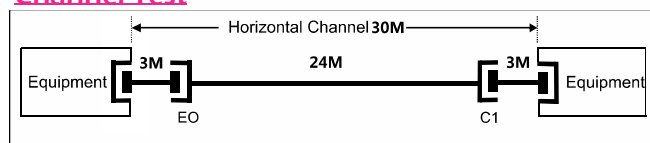
## Category 8.1 Solution

Global **SIX**

### Key Features

- Comply with ANSI/TIA-568.2-D Cat.8.1 and ISO/IEC 11801-1,ed.1
- Support 25G BASE-T and 40G BASE-T
- Cable wire gauge: 22-26AWG
- Cable outer diameter: 6.0mm-8.5mm
- Suitable for PoE+(IEEE802.3at) applications

### Channel Test



### Channel Test Report

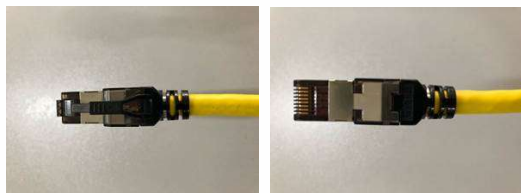
Cable ID: CAT.8 CHANNEL TEST 2000MHz - 3M/24M/3M			PASS		
Cat 8 S/FTP 2017-08-18 13:31		ISO11801 Channel Class I DSX-8000	Headroom (NEXT): 4.3 dB S/N: 1715083		
Tests	Detail	Status	Value	Limit	Margin
Insertion Loss (dB)	Pair 36, 1990.0 MHz	PASS	30.9	32.6	1.7
NEXT (dB)	Pair 36-45, 1020.0 MHz	PASS	23.6	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



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



### Patch Cord

Toolless Termination plugs, used for both solid and stranded cables



Molded Patch Cord, mainly used for stranded cables

