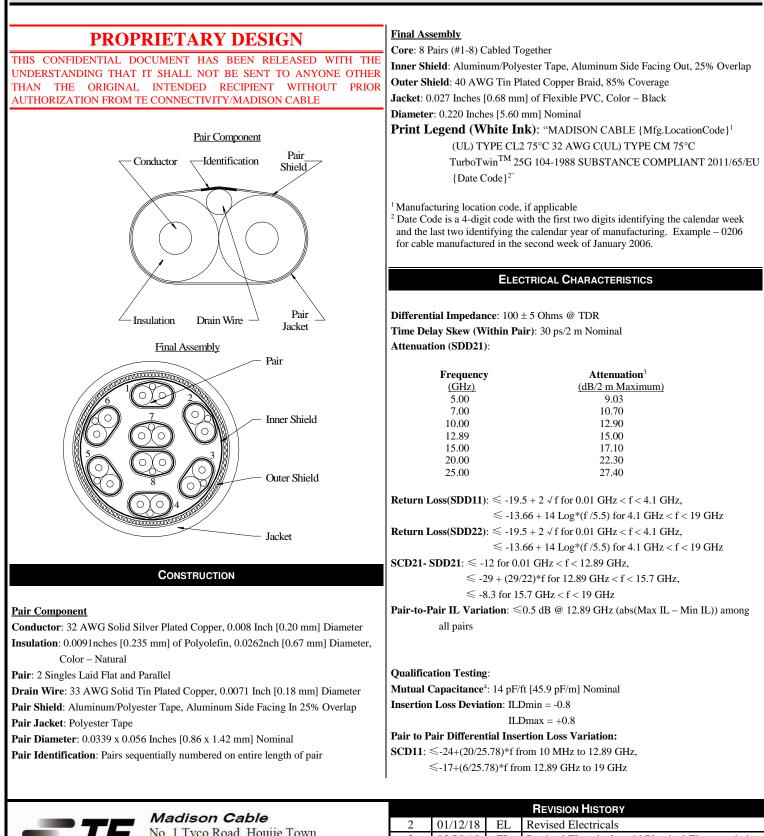
# 8 PAIR 32 AWG 25G TURBOTWIN<sup>™</sup> CABLE



	No. 1 Tyco Road, Houjie Town		2	01/12/18	EL	Revised Electricals			
	Dongguan, Guangdong, P.R. China 523958		3	03/28/18	EL	Revised Electricals, add Physical Eharacteristics			
connect			4	04/11/18	EL	Add drain wire			
	Tel. 80-709-83813041 Fax. 80-709-83819130	Fax. 80-769-83819130	5	06/29/18	EL	Revised Electricals			
Spec Number:	104-1988		6	08/17/18	EL	Revised Electrical and Mech Characteristics		stics	
Part Number:	16PA2LF014		7	10/27/21	EL	Revised CM Certification and Print Legend		Legend	
Customer:			Prepared By:		E. Liu			Page	
Customer #:			<b>Reviewed By:</b>		W. Yao			1 of 2	
Users should evaluate the suitability of this product for their application. Contact factory for latest revision of specification. Tyco Electronics reserves the right to make									
changes in materials or processing, which do not affect compliance with any specification, without notification to the Buyer.									

# 8 PAIR 32 AWG 25G TURBOTWIN<sup>™</sup> CABLE

#### SCD22: $\leq -24+(20/25.78)*$ f from 10 MHz to 12.89 GHz, $\leq -17+(6/25.78)*$ f from 12.89 GHz to 19 GHz

**Far-End Crosstalk**: ≤-50 dB from 10 MHz to 19 GHz

**NEXT Crosstalk**:  $\leq$ -50 dB from 10 MHz to 19 GHz

### Pair to Pair Differential Insertion Loss Variation:

Differential Insertion Loss Stability to remain < 1dB @ 12.89 GHz through out the life of the product.

Conductor DC Resistance<sup>4</sup>: 0.16 Ohms/ft [530 Ohms/km] Nominal @ 20°C

 $^{\rm 3}$  Tested/Functional to 25 GHz on a 2 meter length

<sup>4</sup> Values are for information purposes only.

## **PHYSICAL CHARACTERISTICS**

**Temperature Rating**:

**Operating**: -10°C to +60°C **Transport/Installation**: -25°C to +80°C

### MECHANICAL CHARACTERISTICS

Product Validation Test: Per QS-500A (Exhibit)

#### INDUSTRY SAANDARDS

 IEEE 802.3bj: Physical Layer Specifications and Management Parameters for 100 Gb/s Operation Over Backplanes and Copper Cables.
InfiniBandTM Architecture (Extended Data Rate): 1X = 25 Gb/s 4X = 100 Gb/s

## SAFETY CERTIFICATION

 UL Listing: Type CL2 as specified in Article 725 of the National Electrical Code
C(UL)Listing: Type CM as specified in Article 800 of the National Electrical Code
RoHS II Material Compliance: In accordance with EU Directive 2011/65/EU for the Restriction of Hazardous Substances

	Madison Cable		<b>REVISION HISTORY</b>							
	No. 1 Tyco Road, Houjie Town Dongguan, Guangdong, P.R. China 523958	2	01/12/18	EL	Revised Electricals					
=T		3	03/28/18	EL	Revised Electricals, add Physical Eharacteristics					
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Customer:		Prep	ared By:	E. Liu	1 Page					
Customer #:			<b>Reviewed By:</b>		ao 2 of 2					
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Form AP-03A Issue 10										