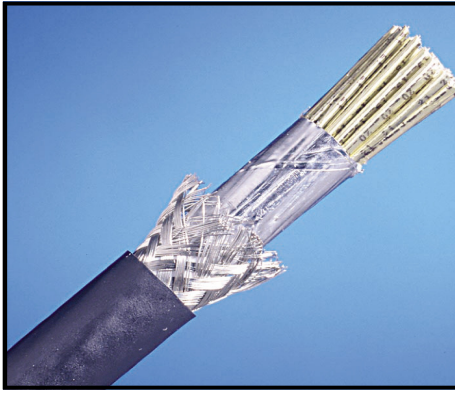




TurboTwin™

Parallel Pair

Applications: Madison Cable's TurboTwin™ products provide the high-speed transmission technology required for improved cable performance.

TurboTwin™ cables deliver technology needed in LAN, WAN, SAN, NAS, high-end servers, multi-processor computers, Infiniband™ and other input/output (I/O) subsystems.

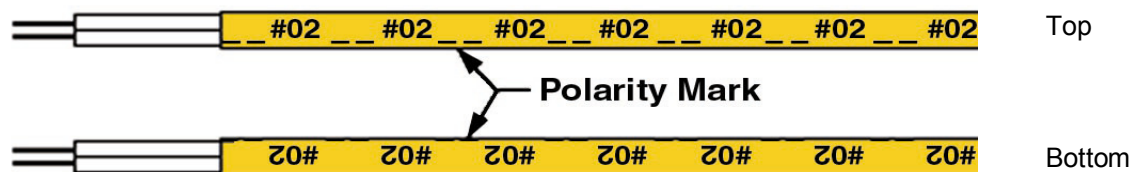
TurboTwin™ products can be mass-stripped of insulation, shielding and jacketing for easy mass-termination and fixturing. TurboTwin™ products can also be mass-welded or soldered for increased installation efficiencies.

TurboTwin™ delivers excellent performances in Fibre Channel, Infiniband™ and other high speed data transport applications.

TurboTwin™ parallel pair cable products meet the most stringent data transmission requirements for high-speed and reliable interconnect applications.

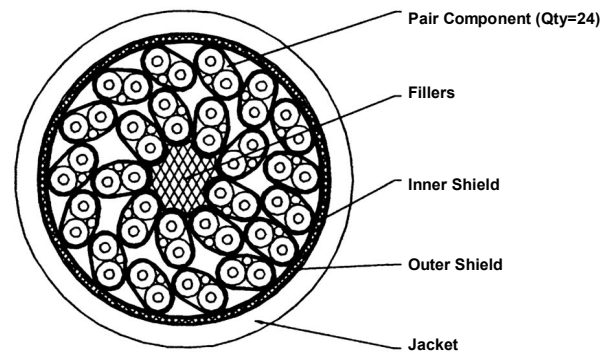
Features & Benefits

- High Speed—up to 2.5 Gbit/sec performance
- Available in #30, #28, #26 and #24 AWG configurations
- Tightly controlled impedance to within +/-5 Ohms
- Industry leading time delay skew
- Performance guaranteed by complete electrical testing including Eye Pattern Analysis
- Pair numbering and polarity marking for mass termination
- Extremely low Near End/Far End crosstalk helps provide error-free transmission
- Silver plated conductors for higher data rates and excellent signal integrity
- Polarity marked individual pairs eliminate the need for color coding
- Terminates to a wide range of industry standard high-speed connectors including Micro GigaCN®, Metral® HB, VHDM®, VHDCI and others
- Available with or without a drain wire within the pair



Individual pairs are numbered for identification and are polarity marked.

Madison has developed a family of cables that provide superior electrical characteristics and ease of termination. Available in a variety of pair counts and conductor sizes, these cables provide exceptional performance in the most stringent applications.



#30 AWG Solid Conductor

Part Number	Specification	Number of Pairs	Between Pair Skew (ps/m maximum)	Within Pair Skew (ps/m maximum)	Differential Impedance (Ohms @ TDR)	Drain
NA	100-5732	1	N/A	13	100 +/- 5	No
16KB200001	100-3791	8	50	20	100 +/- 5	Yes
48KB200001	100-3795	24	50	20	100 +/- 5	Yes

#28 AWG Solid Conductor

Part Number	Specification	Number of Pairs	Between Pair Skew (ps/m maximum)	Within Pair Skew (ps/m maximum)	Differential Impedance (Ohms @ TDR)	Drain
N/A	100-5734	1	N/A	13	100 +/- 5	Yes
N/A	N/A	8	30	15	105 +/- 5	No

#26 AWG Solid Conductor

Part Number	Specification	Number of Pairs	Between Pair Skew (ps/m maximum)	Within Pair Skew (ps/m maximum)	Differential Impedance (Ohms @ TDR)	Drain
02KE200001	100-3384	1	N/A	11	105 +/- 5	Yes
16KE200001	100-3799	8	50	12	100 +/- 5	Yes
N/A	100-3556	24	49	20	100 +/- 5	Yes

#24 AWG Solid Conductor

Part Number	Specification	Number of Pairs	Between Pair Skew (ps/m maximum)	Within Pair Skew (ps/m maximum)	Differential Impedance (Ohms @ TDR)	Drain
N/A	100-4456	1	N/A	12	100 +/- 5	Yes
16KF200001	100-3909	8	50	12	100 +/- 5	Yes
48KF200001	100-3910	24	50	12	100 +/- 5	Yes

NOTE: Additional pair counts, AWG sizes and impedance cables available—please consult factory for information.

TurboTwin™ is a trademark of Madison Cable
 Infiniband is a trademark of Infiniband Trade Association.
 Micro GigaCN is a registered trademark of Fujitsu.
 Metral HB is a registered trademark of FCI Electronics.
 VHDM is a registered trademark of Teradyne Inc.

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 **Tyco Electronics**
 Our commitment. Your advantage.