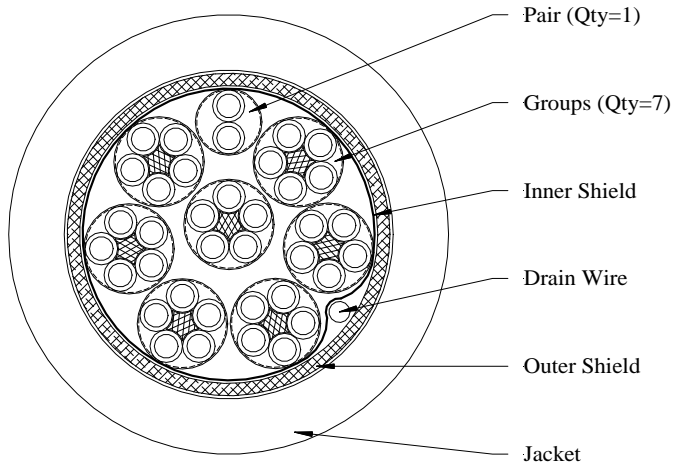


35 CONDUCTOR 16 AWG + 1 PAIR 16 AWG COMPOSITE CABLE

CUSTOMER PROPRIETARY

THIS CONFIDENTIAL DOCUMENT HAS BEEN RELEASED WITH THE UNDERSTANDING THAT IT SHALL NOT BE SENT TO ANYONE OTHER THAN THE ORIGINAL INTENDED RECIPIENT WITHOUT PRIOR AUTHORIZATION FROM TYCO ELECTRONICS/MADISON CABLE



CONSTRUCTION

Single Component

Conductor: 16 AWG 19/29 Tin Plated Copper, 0.054 Inch Diameter
Insulation: 0.010 Inches of Semi-Rigid PVC, 0.074 Inch Diameter

Pair Component

Core: 2 Singles (#1-2) Cabled Together with a 2-1/4 Inch Left Hand Lay
Pair Binder #1: Polypropylene Ribbon, Color – Black
Pair Binder #2: Polyester Tape, 25% Overlap
Pair Diameter: 0.150 ± 0.010 Inches

Group Component – 16 AWG 5/C

Core: Fibrillated Polypropylene Filler
Layer 1: 5 Singles (#1-5) Cabled Around Core with a 3 Inch Left Hand Lay
Group Binder #1: Polypropylene Ribbon, Color – Brown, Red, Orange, Yellow, Green, Blue, or White
Group Binder #2: Polyester Tape, 25% Overlap
Group Diameter: 0.205 ± 0.010 Inches

Final Assembly

Core: 1 Group
Layer 1: 1 Pair and 5 Groups Cabled Around Core with a 10 Inch Left Hand Lay
Inner Shield: Aluminum/Polyester Tape, Aluminum Side Facing Out, 25% Overlap
Drain Wire: 18 AWG 19/30 Tin Plated Copper, 0.048 Inch Diameter
Outer Shield: 36 AWG Tin Plated Copper Braid, 65% Coverage
Jacket: 0.045 Inches of Flexible PVC, Color – Black
Diameter: 0.730 Inches Nominal
Print Legend (White Ink): "MADISON CABLE AWM STYLE 2464 80°C 300V VW-1 RoHS COMPLIANT {Date Code}¹"

¹ Date code is a 4-digit code with the first 2 digits identifying the calendar week and the last 2 digits identifying the calendar year of manufacture. Example - 0206 for cable manufactured the second week of 2006.

COLOR CODE

Conductor #	Insulation Color	Tracer Color
1	White	Blue
2	White	Orange
3	White	Green
4	White	Brown
5	White	Gray

ELECTRICAL CHARACTERISTICS

Pair Component

Ampacity: 3 Amps Maximum @ 25°C
Conductor-to-Conductor Capacitance: 25 pF/ft Nominal @ 1MHz
Conductor DC Resistance: 4.6 Ohms/1000 ft Nominal @ 20°C

Group Component

Ampacity: 3 Amps Maximum @ 25°C
Shield DC Resistance (Cable): 1.5 Ohms/1000 ft Nominal @ 20°C
Conductor DC Resistance: 4.6 Ohms/1000 ft Nominal @ 20°C

MECHANICAL CHARACTERISTICS

Cable Weight: 420 lbs/1000 ft Maximum
Bend Radius: 6.5 Inches Minimum
Pulling Tension: 1260 lbs. Maximum

SAFETY CERTIFICATION

UL Recognized: AWM Style 2464 80°C 300 Volts VW-1
RoHS Compliance: In Accordance to European Directive 2002/95/EC, Issue 13.2.2003

REVISION HISTORY

Rev #	Date	By	Description
1	10/07/10	HA	Initial Release

Customer #: 1390-02397 (For Reference Only)	Prepared By: H. Abusamra	Reviewed By: K. Arsenault	B. Morissette	Page 1 of 1
----------------------------------------------------	---------------------------------	----------------------------------	---------------	-----------------------

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.



» [Home](#) » [Corporate Information](#) » [Teledyne Companies](#) » [News](#) » [Investors](#)

About Us

- » [Did You Know](#)
- » [Competitive Strengths](#)
- » [Ethics and Values](#)
- » [Everywhereyoulook](#)

Management Team

- » [Board of Directors](#)
- » [Executive Profiles](#)

Financial Information

- » [Investor Information](#)
- » [News/Earnings](#)
- » [Shareholder Info](#)

Careers

- » [Work With Us](#)
- » [Submit Your Resume](#)

News

[Teledyne Acquires Storm Products Co.](#)

THOUSAND OAKS, Calif. – January 2, 2008 – Teledyne Technologies Incorporated (NYSE: TDY) announced today that its subsidiary, Teledyne Reynolds, Inc., has acquired Storm Products Co. (“Storm”). Storm, with operations in Dallas, Texas, Woodridge, Ill. and Santa Clara, Calif., manufactures specialty wire, cable and interconnect products, as well as flexible and semi-rigid microwave cable assemblies. Terms of the transaction were not disclosed.

Founded in 1960, Storm currently operates two business units: Storm-Cable Solutions Group and Storm-Microwave. Storm’s Cable Solutions Group supplies custom, high-reliability bulk wire and cable assemblies to a number of markets including energy exploration, environmental monitoring and industrial equipment. Storm-Microwave provides coax microwave cable and interconnects primarily to defense customers for radar, electronic warfare and communications applications. Storm had revenue of \$45.7 million for its fiscal year ended March 31, 2007. After the closing, the acquired business will operate under the name Teledyne Storm Products, Inc.

“Storm’s microwave interconnects complement Teledyne’s existing microwave components and defense interconnect product lines,” said Robert Mehrabian, chairman, president and chief executive officer of Teledyne Technologies. “Furthermore, Storm’s custom, high-reliability electrical cable and interconnect products expand Teledyne’s growing portfolio of rugged interconnect solutions for offshore energy exploration and production applications. Following the acquisition of Storm and the recently announced acquisition of assets of Impulse Enterprise, Teledyne’s annualized sales of harsh environment interconnect products are expected to be approximately \$200 million.”

[About Teledyne Technologies Incorporated](#)

Teledyne Technologies is a leading provider of sophisticated electronic components, instruments and communication products, systems engineering solutions, aerospace engines and components and on-site gas and power generation systems. Teledyne Technologies has operations in the United States, the United Kingdom, Mexico and Canada. For more information, visit Teledyne Technologies’ website at www.teledyne.com.

[Forward-Looking Statements Cautionary Notice](#)

This press release contains forward-looking statements, as defined in the Private Securities Litigation Reform Act of 1995, relating to a potential acquisition. Actual results could differ materially from these forward-looking statements. Many factors, including the Company’s ability to integrate the acquired product lines, retain customers and achieve anticipated synergies, could change anticipated results.

Investor Contact: Jason VanWees (805) 373-4542
Press Contact: Robyn McGowan (805) 373-4540

[Home](#) | [Terms of Use](#) | [Careers](#) | [Search](#) | [Contact](#)
Copyright © 2011 Teledyne Technologies Incorporated. All rights reserved.

1049 Camino Dos Rios - Thousand Oaks, CA 91360 - 805-373-4545
Quote data provided by North American Quotations, Inc.



SPECIFICATION CONTROL DRAWING
STORM PRODUCTS
PAGE 1 OF 2

STORM P/N: 120797-37
APPLIED P/N: 1390-02397
DATE: 12/17/97

16 GAUGE 37 CONDUCTOR CABLE. BUNDLED AS 7 GROUPS OF 5
TWISTED CONDUCTORS AND 1 TWISTED TWO CONDUCTOR GROUP.
OVERALL FOIL AND BRAID SHIELD

CONDUCTOR: 16 GAUGE TINNED COPPER WIRE
19/29 STRANDING
NOMINAL DIAMETER .059 INCHES

INSULATION: SEMI-RIGID POLYVINYLCHLORIDE (PVC)
WALL THICKNESS NOMINAL .010 INCHES
OUTSIDE DIAMETER (OD) NOMINAL .079 INCHES
TEMPERATURE RATING: -20 TO +80 DEGREE CENT.

5 CONDUCTOR GROUPS: 7 GROUPS OF 5 CONDUCTORS.
5 CONDUCTORS CABLED TOGETHER WITH A 3" LEFT HAND LAY
EACH GROUP WITH A PVC JACKET OR POLYESTER TAPE/BINDER
FOR IDENTIFICATION (SEE COLOR CODE CHART)

2 CONDUCTOR GROUP: 1 GROUP OF 2 CONDUCTORS
2 CONDUCTORS TWISTED WITH A 2.25" LEFT HAND LAY
EACH GROUP WITH A PVC JACKET OR POLYESTER TAPE/BINDER
FOR IDENTIFICATION (SEE COLOR CODE CHART)

CLOSING: CABLE THE GROUPS OF 2 AND 5 CONDUCTORS AROUND
A CORE WITH A 10 INCH LAY
100% OVERALL ALUMINUM FOIL SHIELD
18 AWG 16/30 T.C. DRAIN WIRE
65% TINNED COPPER BRAID SHIELD (36 AWG)

JACKET: BLACK POLYVINYLCHLORIDE (PVC)
WALL THICKNESS NOMINAL .048 INCHES
OUTSIDE DIAMETER (OD) NOMINAL .770 INCHES

RATINGS: MAX. PULLING TENSION: 1265 LBS.
MIN. BEND RADIUS: 6.5 INCHES
NOM. WEIGHT/1000 FT: 450 LBS. MAX
APPLICABLE SPECIFICATION: UL AWM 2464
FLAME RESISTANCE: VW-1

9215 Premier Row • Dallas, Texas 75247 • Phone (214) 637-1381 • Fax (214) 634-8649



SPECIFICATION CONTROL DRAWING
STORM PRODUCTS
PAGE 2 OF 2

STORM P/N: 120797-37
APPLIED P/N: 1390-02397
DATE: 12/17/97

ELECTRICAL CHARACTERISTICS:	MAX OPERATING VOLTAGE:	300 V RMS
	MAX. CONTINUOUS CURRENT PER CONDUCTOR @ 25 DEG. C:	8 AMPS
	NOM. CAPACITANCE BETWEEN CONDUCTORS @ 1 MHZ:	30 PF/FT
	NOM. CONDUCTOR DC RESISTANCE @ 20 DEG. C:	4.2 OHMS/1000 FT
	NOM. SHIELD DC RESISTANCE @20 DEG. C:	1.5 OHMS/1000 FT

COLOR CODE:

CONDUCTOR 1	WHITE-BLUE
CONDUCTOR 2	WHITE-ORANGE
CONDUCTOR 3	WHITE-GREEN
CONDUCTOR 4	WHITE-BROWN
CONDUCTOR 5	WHITE-GREY

GROUP AND BINDER COLOR:

GROUP A, 2 CONDUCTOR GROUP	BLACK
GROUP B, 5 CONDUCTOR GROUP	BROWN
GROUP C, 5 CONDUCTOR GROUP	RED
GROUP D, 5 CONDUCTOR GROUP	ORANGE
GROUP E, 5 CONDUCTOR GROUP	YELLOW
GROUP F, 5 CONDUCTOR GROUP	GREEN
GROUP G, 5 CONDUCTOR GROUP	BLUE
GROUP H, 5 CONDUCTOR GROUP	VIOLET



September 12, 2012

Re: RoHS 2002/95/EC
REACH 1907/2006/EC
WEEE 2002/96/EC

To our valued customers,

RoHS 2002/95/EC

All Teledyne Storm Products, Cable Solutions wire and cable products are manufactured in compliance with EU RoHS Directive 2002/95/EC. All compound and concentrate suppliers are required to submit RoHS Certificates of Conformance with shipments and all compounds and concentrates are tested at Incoming Inspection employing XRF analysis to ensure compliance prior to acceptance. Flame retardant compounds will be analyzed but may be accepted based on application.

REACH 1907/2006/ECHA

ECHA (the European Chemicals Agency) which is the registrar for REACH states that if articles are imported into the EU containing any REACH (SVHC) listed substances and the articles do not intentionally release substances to the environment, then those substances are exempt from REACH.

Teledyne Storm Products, Cable Solutions does not manufacture basic chemical substances. We have contacted each of our suppliers with a letter requesting responses to document their position with their REACH obligations. Our suppliers have confirmed that they do not intentionally add any SVHC listed substances to the compounds and concentrates employed in the manufacture of TSP wire and cable (articles). Moreover, our suppliers do not list these substances as an ingredient, by-product, or impurity in the purchased raw materials used to make these products, at or above any regulatory thresholds, and our manufacturing process does not create these substances. Subsequently Teledyne Storm Products' articles cannot intentionally release these substances to the environment.



The ECHA further states that “Companies that are not established in the EU have no obligations to under REACH and cannot pre-register and register”. As Teledyne Storm Products is not established in the EU, Teledyne Storm Products is not required to pre-register or register articles.

WEEE 2002/96/EC

The WEEE Directive is based on Article 175 of the EUTreaties. Member States can adopt stricter measures for environmental protection, as long as these measures comply with Community law (such as the principle of free movement of goods laid down in Articles 28-30 of the Treaty). Annex IA of the WEEE Directive contains a list of categories of products covered, and Annex IB contains a list of products falling into these categories. Since this list is non-exhaustive, Member States could in principle include other products in national legislation implementing the WEEE Directive, if they choose.

As the various Member States establish their lists of products, Teledyne Storm Products Cable Solutions will continue to monitor its position with regard to the particular requirements of its customers and contractual commitments within the Member States.

We understand the importance to you, our customers, of compliance to the various EU directives. Teledyne Storm Products Cable Solutions will continue to review our and our supplier' compliance to ensure continued support of the EU environmental initiatives.

A handwritten signature in black ink, appearing to read "Chuck McClain", is written over a light blue horizontal line.

Chuck McClain
Quality Manager
Teledyne Storm Products