



# **TTL NEW PRODUCT ANNOUNCEMENT**

## **“High - Speed” HDMI 1.3b CAT 2 CABLES**

**Total Technologies, Ltd.® is the First Cable Company in the World to pass “HIGH-SPEED” HDMI 1.3b CAT 2 testing**

**Irvine, California / June 21, 2007**

Total Technologies, Ltd.'s “High-Speed” HDMI Cable passed HDMI ATC 1.3b, CAT 2 testing on June 18, 2007. TTL's 7.5 meter “High-Speed” HDMI cable passed CAT 2, non-equalized eye diagram testing at 165 Mhz as well as CAT 2 equalized eye diagram testing at 340 Mhz.

### **Features and Benefits of TTL's “High-Speed” HDMI™ Cables:**

High-Speed (or “Category 2”) cables have been tested to perform at speeds of 340 Mhz, which is the highest bandwidth currently available over an HDMI cable and can successfully handle 1080p signals including those at increased color depths and/or increased refresh rates. High-Speed cables are also able to accommodate higher resolution displays, such as WQXGA cinema monitors (resolution of 2560 x 1600).

Standard (or “category 1”) cables have been tested to perform at speeds of 75 Mhz, which is the equivalent of a 1080i signal.

TTL's HDMI cables incorporate its patented RF-BLOK® Shielding Metal Can Design which has a long term proven record to avoid any potential high pressure and temperature damage that can occur during the injection molding process to damage sensitive TMDS signal lines. A crystal-clear and crisp image is the end result when using TTL's long distance HDMI cabling.

### **About Total Technologies, Ltd.®:**

TTL is the First Company in the World to pass HDMI™ ATC testing for 5, 10 and 12.5 meters on Sep. 29, 2004.

TTL is the First Cable Company in the World to pass *SimplayHD*™ Labs testing CERT #1001 on Jun. 1, 2006.

Total Technologies, Ltd.® (TTL) is a highly diversified manufacturer of various OEM/ODM cable assemblies, adapters and multimedia interfaces, since 1982. With over 1,200 employees for Global support, 20 worldwide patents, and 60,000 designs, TTL is a promising and outstanding cable supplier. TTL currently produces 7 million assorted cable assemblies and adapters per month. TTL provides high quality products to many of the largest multimedia, telecommunication, industrial and computer related peripherals, components and accessories manufacturers in the world. TTL's ECO-Friendly products are designed to meet worldwide requirements such as RoHS, JGPSSI, EPA, and California Proposition 65. TTL has been certified by Sony as their first Green Partner with a perfect rating in the cable and connector category. TTL offers excellent R&D design and engineering services, quick lead-time, plus sales and customer support at its offices in Irvine, California, Taiwan, China, Japan, and Germany. For more information about the TTL Group visit [www.total-technologies.com](http://www.total-technologies.com).

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# HDMI™

HIGH DEFINITION MULTIMEDIA INTERFACE

2160p + HDCP  
READY

# 1st in the WORLD

Total Technologies, Ltd.®

## HDMI™ 1.3b CAT 2

Total Technologies, Ltd.® is the First Cable Company in the World to Pass HIGH-SPEED HDMI™ 1.3b CAT1 & CAT 2 testing.

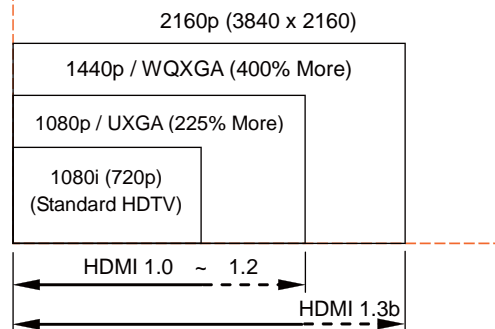
## High-Speed HDMI™ ... 1.3b CAT 2 (10.2 Gbps)

Standard	Resolution	Mega Pixels	Gbps
2160p	3840 x 2160	8.3	20.4
WQXGA	2560 x 1600	4.1	10.2
1440p	2560 x 1440	3.6	6.8
1080p	1920 x 1080	2.1	4.5
1080i	1920 x 1080	1.3	2.2
720p	1280 x 720	0.92	2.2



TTL is now paving the way with its' New High-Speed HDMI™ "DigiBahn™" "dB™" Cable Series, High-Speed 10.2 Gbps performance that will take your breath away !

- Resolution supports from 480p, 720p/1080i, 1080p, 1440p, WQXGA, 2160p and higher.
- Digital Audio capable of multi-channels from 5.1, 7.1, 8.1 to 13.1 channels.
- Deep Color capable to handle (10,12 or 16-bit) Over one billion colors.
- x.v.Color™ or xvYCC ready can support 1.8 times as many colors as existing HDTV signals.
- HDCP compliant and CEC ready.
- Capable of handling the highest speed, up to 20.4 Gbps.



### CONFIRMATION OF HDMI™ ATC TESTING

This Tested Product identified below has successfully completed testing at the HDMI Authorized Test Center with respect to the Test Specification listed below.

<b>PARTICIPANT</b> Contact: <u>David Gutierrez</u> Company: <u>Total Technologies, Ltd.</u> Address: <u>9 Shindigher, Irvine, CA</u> Phone: <u>949-465-0200</u> Email: <u>dgutierrez@totaltechnologies.com</u>	<b>TESTED PRODUCT</b> Category (i.e. Source, Sink, Repeater, Cable): <u>Cable</u> Parent Model Name(s): <u>C213B-7.5M (HDMI-HDMI 7.5 meter cable)</u> Parent Model Number: <u>C213B-5M, C213B-3M, C213B-2M</u>
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<b>TEST CONFIRMATION</b> Date of Issue: <u>June 20, 2007</u> Test Center: <u>Silicon Image</u>	Test Specification: <u>1.3b</u> Confirmed by: <u>Dat Tran</u>
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Notes:  
1. This confirmation is subject to the terms and conditions of the Authorized Test Center Agreement, and does not guarantee the quality or functionality of any product, compliance with any specification, or interoperability with other HDMI products. Participant is solely responsible for the quality, functionality, interoperability and specification conformance of Participant's product.  
2. This confirmation is based upon the information Participant has supplied and Participant's representation that the product listed under "Tested Product Name" have the same hardware and software as the Tested Product and would successfully pass all the HDMI ATC tests.

**Certificate #43190**

Verification # 1018

HDMI 1.3b CAT 1 & CAT 2  
Certificate #43190

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TTL's ECO-Friendly products are designed to meet worldwide requirements such as RoHS, JGPPSSI, EPA, and California Proposition 65. TTL has been certified by Sony as their first Green Partner with a perfect rating in the cable and connector category.

TTL offers excellent R&D design and engineering services, quick lead-time, plus sales and customer support at its offices in Irvine, California, Taiwan, China, Japan, and Germany. For more information about the TTL Group please visit our website.

### TTL QuadMax1™ Four-Input HDMI™ Switch/Repeater



FULL HD 1080P + HDCP COMPLIANT



[www.total-technologies.com](http://www.total-technologies.com)

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## PARTICIPANT

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Company: Total- Technologies, Ltd  
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Phone: 949-465-0200  
Email: dgutierrez@total-technologies.com

## TESTED PRODUCT

Category (i.e. Source, Sink, Repeater, Cable): Cable  
Parent Model Name(s): C213B-7.5M (HDMI-HDMI 7.5 meter cable)  
Parent Model Number C213B-5M, C213B-3M, C213B-2M

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**Certificate #43190**

NOT FOR THE PROOF OF PURCHASING!  
FORMAL CERTIFICATE UPON REQUEST