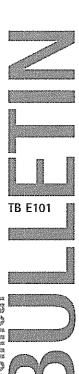
Belden übertrifft erneut alle Standards

Die **HDTV** Videokabel von Belden haben erneut sämtliche Standards übertroffen. Somit können auch für die neueren Formate wie 1080i & 1080p die selbst seit 10 Jahren im Markt befindlichen Kabel wie das klassische 1694A bis zu 4.5GHz verwendet werden.







BeldenCable™ exceeds the standards

Brilliance™ broadcast video coaxes are designed for maximum bandwidth, minimum return loss and minimum attenuation loss. These cables already meet the very tight specifications for electrical properties and are ideally suited for both analog and digital video in broadcast, post-production and other critical video applications.

BeldenCable™ extends sweep testing to 4.5 GHz

Now Brilliance™ broadcast video coaxes' performance specifications are extended from 3 GHz to 4.5 GHz. Every reel is sweep tested for return loss and certified to the new, higher frequency. This extension is designed to (re)assure broadcasters, leading edge broadcast equipment manufacturers and the standards bodies that BeldenCable™ delivers performance and reliability, as they begin to migrate from the existing 1080i (interlaced) HD format to the emerging 1080p (progressive) format, protocols and equipment, which require twice the bandwidth of 1080i.

BeldenCable™ is the first cable manufacturer to perform sweep testing and certification to meet this emerging format.

Requirements for 1088i vs. 1080p line formatting and transmission protocols:

Line Format	Image Resolution	Frames per second	HDTV/SDI Video operating frequenzy	Test frequency
1080î	1920 x 1080 pixels	60 interlaced	0.743 GHz	2.25 GHz
1080p	1920 x 1080 pixels	60 complete	1.485 GHz	4.5 GHz

2006 sports events will bring HD to Europe

This year is the busiest ever in the international sports arena. Major events include:

- Winter Olympics, Turin
- · Commonwealth Games, Melbourne
- Football World Cup, Germany
- Athletics European Cup, Sweden
- Basketball Worldeup, Japan
- Asian Games, Doha

Most of these events will be filmed in High Definition (HD). The upgraded technology will stimulate a growing interest from TV viewers around the world. Once they have seen the clear HD picture – they will not want to go back to lower quality. The 2006 Football World Cup in Germany will bring High Definition to viewers around the world. With every major broadcaster looking to transmit at least one HD feed, this football tournament is set to become the springboard for HD broadcasting worldwide.



Installable Performance®

Positive test for Brilliance™ broadcast video coaxes

An independent test laboratory took an in-depth look at the HD performance of the video coaxes used in TV studios. Cables were tested for return loss, attenuation and maximum cable run on HD (1080l and 720p).

The most popular precision video coaxial cables for HDTV/SDI, Belden Brilliance™ 179DT, 1855A, 1855ENH, 1505A, 1505F, 1694A and 7731A were subjected to extended testing. In the end results all BeldenCable™ products delivered performance values that exceeded those listed in Belden's own catalogues:

Maximum Transmission Distance at Serial Digital Data Rates

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Data Rate: 148 Mb/s 177 Mb/s 270 Mb/s 360 Mb/s 540 Mb/s 1,5 Gb/s 1,5 Gb/s 3.0 Gb/s