CABLE & CONNECTIVITY SOLUTIONS 2014

AUDIO/VIDEO – BROADCAST
HOME TECHNOLOGY - PRO AUDIO

Maser Group History

Established in 1983, the Maser Group has grown into a multinational company with offices in Australia, New Zealand and the United Kingdom. The Maser Group is a diversified distributor of specialised communications solutions, products and systems to a large number of market segments including Broadcast, AV, Home Technology, Fixed Networks, HFC Networks, Industrial, Mobile/Wireless Networks, Public Security & Safety and Defence.

With a growing team, the Maser Group is positioned to offer specialist skills to support its clients including pre and post sales technical support, training, warehousing and distribution. The Group has offices/distribution centres in Fareham, Auckland, Christchurch, Melbourne and Sydney.

Maser excels in its ability to source and supply the most advanced and cost effective products and systems from key manufacturers worldwide. Our suppliers are carefully selected to ensure access to the latest technology in equipment and systems.

The Maser Group has a strong commitment to customer relations. Our aim is to provide you with the very best possible solutions, the finest products and the highest level of service.

Buy your cable 24/7 with our new ecommerce site

WWW.MASER-ONLINE.CO.UK

V7 5/14

MASER

Masercable is a high quality range of products developed in conjunction with our customers and offers quality and performance at a competitive price.
Cable is supplied on either reels or cartons. We also offer products sourced from a number of quality manufacturers.

With a large stockholding in our south coast warehouse, Maser can supply all of your Cable & Connectivity requirements in a timely fashion.

Our sales team have extensive knowledge and expertise in the industries we serve, offering a friendly proactive service for our customers throughout the UK and Ireland. This catalogue represents a small sample of the products we offer. Please contact us to fulfil any cable or connectivity requirements you may have.

BELDEN
SENDING ALL THE RIGHT SIGNALS

PDP Belden®
Silver Preferred Distribution Partner

Maser Communications (UK) Ltd is the Belden Preferred Distribution Partner for Audio, Video and Broadcast products in the UK and Ireland.

TROMPETER

To ensure complete signal integrity connectivity, Maser is also the UK Distributor for Trompeter who offer a full range of high performance connectivity and patching to suit all of your HD application requirements

AlphaWire
Cables you trust. Service you deserve.

Draka

Maser also offer Alpha Wire, Draka and Kathrein products.

NEW

DK
DK - Technologies

We are pleased to announce we are now the Official UK Distributor for DK Technologies who specialise in audio, video metering and monitoring.

Freight & Payment Information
We offer a next working day delivery to UK mainland as standard. Timed services are also available on request.
Credit account available on application. Terms & Conditions available on request.
Payment accepted by BACS, Cheque or Credit/Debit Card.

Pictures are for illustrative purposes only. We reserve the right to change our products without notice.

1080P HDTV BRILLIANCE COAX
4.5GHZ-3Gb/s 4K RATED

BELDEN 179DT		Very small & lightweight HD Coaxial for increased performance • Available in 10 colours • OD 2.9mm, PVC Jacket Option • Supplied on 305m reels • HD Transmission Distance – 40m
BELDEN 1855A		Small and lightweight HD Coaxial For when you are running out of space, need to save weight and require flexibility • Available in 10 colours • OD 4mm, PVC Jacket • Supplied on 305m reels • HD Transmission Distance – 80m
BELDEN 1855ENH		The HD Standard Coax - LSOH Jacket. Quality with exceptional tolerances reel after reel • Available in 7 colours • OD 4.5mm • Supplied on 500m reels • HD Transmission Distance - 100m
BELDEN 1505A		HD Precision for Increased Performance • Available in 10 colours • OD 5.92mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 120m
BELDEN 1505ANH		Precision for Higher Performance – LSOH Jacket • Available in 7 colours • OD 5.92mm • Supplied on 500m reels • HD Transmission Distance – 120m
BELDEN 1505F		Amazing Flexibility in a Stranded Double Braid Mobile Construction • Available in 5 colours • OD 6.15mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 90m

1080P HDTV BRILLIANCE COAX
4.5GHZ-3Gb/s 4K RATED

BELDEN 1694A		Classic performance - still the best • Available in 10 colours • OD 6.99mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 140m
BELDEN 1694ANH		Classic performance - still the best with ==LSOH== jacket • Available in 5 colours • OD 6.99mm • Supplied on 500m reels • HD Transmission Distance – 140m
BELDEN 1694F		Flexible double braided stranded • Available in 5 colours • OD 7.01mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 110m
BELDEN 1794A		Need more than 1694A then check out 1794A • Available in 10 colours. • OD 8.13mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 200m
BELDEN 7731A		Super low loss HDTV COAX – the ultimate for long runs • Available in 10 colours • OD 10.16mm PVC jacket • Supplied on 305m reels • HD Transmission Distance – 230m
BELDEN 7731ANH		Super low loss HDTV COAX with ==LSOH== – the ultimate for long runs • Available in 5 colours • OD 10.16mm • Supplied on 305m reels • HD Transmission Distance – 230m

DUOBOND® II HD 3GB DIGITAL VIDEO COAX

BELDEN
SENDING ALL THE RIGHT SIGNALS

DUOBOND® II
SERIES

Belden launches Duobond® II HD digital video cables for the reliable transmission of HD digital video signals in broadcast systems at data rates of 3GB/s. All supplied on 500m reels.

Part No.	Type	Jacket Type	Transmission Distance	OD Size
70080	Mini RG59	PVC Jacket	HD Transmission 80m	OD 4.5mm
70080NH	Mini RG59	LSNH Jacket	HD Transmission 80m	OD 4.5mm
70081	RG59	PVC Jacket	HD Transmission 120m	OD 6mm
70081NH	RG59	LSNH Jacket	HD Transmission 120m	OD 6mm
70082	RG6	PVC Jacket	HD Transmission 140m	OD 7mm
70082NH	RG6	LSNH Jacket	HD Transmission 140m	OD 7mm
70084	RG11	PVC Jacket	HD Transmission 200m	OD 10.2mm
70084NH	RG11	LSNH Jacket	HD Transmission 200m	OD 10.2mm

CAMERA CABLES

BELDEN
SENDING ALL THE RIGHT SIGNALS

7784E

3G HD Triaxial Camera Cable 11mm triax
- Available in Red PVC & LSOH
- Various reel lengths available

BELDEN
SENDING ALL THE RIGHT SIGNALS

7804E

Fibre Composite SMPTE 311M HDTV
Camera cable SMPTE 311M
- 2 s/m fibre – video & audio
- 6 copper core power & control
- Available in PVC, PUR & LSOH
- Various reel lengths available

BELDEN HD COAX TRANSMISSION DISTANCE TABLE

Data Rate		143 Mb/s		177 Mb/s		SD 270 Mb/s		HD 1.5 Gb/s				3G 3.0 Gb/s		
Spec		SMPTE 259M		ITU-R BT.601		SMPTE 259M		SMPTE 292M (SMPTE 372M)				SMPTE 424M		
Application		Composite NTSC		Composite PAL		Component SDI		720p – 1080i (Dual Link 1080p)				1080p		
Part No.	Type	FT*	M*	FT*	M*	FT*	M*	FT*	M*	Independent Test (M)	Genum (M)	FT*	M*	Trinix (Thomson GV) (M)
7731A	1.6/7.2	2750	838	2480	756	2040	622	550	168	230		360	110	188
1794A	1.3/5.7	2429	740	2183	665	1763	537	478	146	200*	230	328	100	
1694A/D/WB	1.0/4.6	1880	573	1710	521	1430	436	400	122	140		270	82	140
1694F	1.0/5.7	1650	503	1620	494	1070	326	285	87	110		190	58	
1505A	0.8/3.7	1430	436	1071	326	1110	338	310	94	120		220	67	
1505F	0.8/3.7	1200	366	1360	415	830	253	215	66	90		145	44	
1855ENH	0.6/2.8	1050	320	1020	311	856	261	284	87	100		170	52	78
1855A	0.6/2.6	980	299	950	290	790	241	260	79	80		150	46	
179DT	0.3/1.4	500	152	450	137	380	116	110	34	40		80	24	

* Calculated

Part No.	Type	Attenuation 100MHz/100m	Composite Video FBAS		S-Video S-VHS, Y/C		Component Video RGB, YUV	
Application			FT*	M*	FT*	M*	FT*	M*
7731A	1.6/7.2	4.2 dB	1080	329	1080	329	1080	329
1794A	1.3/5.7	4.7 dB	1050	320	1050	320	1050	320
1694A/D/WB	1.0/4.6	6.4 dB	683	208	683	208	683	208
1694F	1.0/5.7	7.8 dB	510	155	510	155	510	155
1505A	0.8/3.7	7.5 dB	490	149	490	149	490	149
1505F	0.8/3.7	9.8 dB	345	105	345	105	345	105
1855ENH	0.6/2.8	10.0 dB	390	119	390	119	390	119
1855A	0.6/2.6	10.9 dB	398	121	398	121	398	121
179DT	0.3/1.4	22.6 dB	165	50	165	50	165	50

'Calculated

SATELLITE FEEDER COAX CABLE

BELDEN 9116E		RG6 CATV/SAT – CCA Centre Conductor • Available in Black and White • PVC jacket • Supplied on 305m reels • OD 6.99mm
MT.6059		• RG59/U • Standard RG59 Coax • Black PVC • Supplied on 100m reels
MF.125.5		• CATV Coax 5 Core Black • 5 Way with Earth • Foam dielectric version of the classic CT125 • Supplied on 100m reels
MF125.100		• CATV Coax Black • Foam dielectric version of the classic CT125 • Supplied on 100m reels
MF100-LSF		• Maser CATV Coax Black • LSF jacket • Supplied on 250m reels
MF100.250		• CATV Coax Black • Foam dielectric version of the classic CT100 • Also available in White • Supplied on 250m reels
MF.100T-125		• CATV Twin Shotgun • Foam dielectric • Supplied on 125m reels
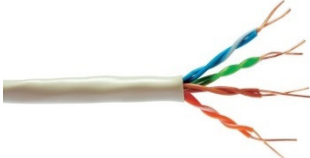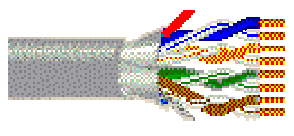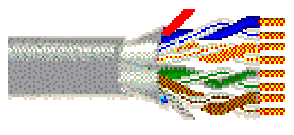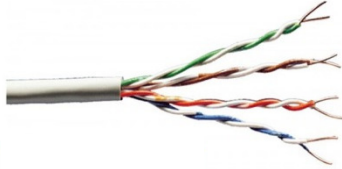
PROFESSIONAL AUDIO & CONTROL CABLES

BELDEN 1508ENH		• Small analogue audio pair with overall foil shield • Grey LSOH jacket • Supplied on 500m reels
BELDEN 1508A		• Small flexible analogue balanced audio pair with overall foil shield • Black PVC jacket • Supplied on 305m reels
BELDEN 70030		• Analogue balanced pair with overall foil shield • Grey LSOH Jacket • Multicore versions available • Supplied on 500m reels
BELDEN **70051 Series** 70052 – 2 Pair 70053 – 4 Pair 70054 – 8 Pair 70055 – 12 Pair 70056 – 16 Pair		• AES/EBU balanced pair with overall foil shield • Purple LSOH jacket • Multicore versions available • Supplied on 500m reels
BELDEN 9451D		• Analogue Shotgun balanced • Grey/red PVC jacket • Overall foil screen p/pair • Supplied in 305m box
AlphaWire *Cables you trust. Service you deserve.* A.2466C		Every wireman should have a reel of this audio/RS232 cable • 2 pair 22 AWG individual foil shield • Grey PVC • Supplied on 153/305m reels

PROFESSIONAL SPEAKER & MICROPHONE CABLE

BELDEN BE46380		• Massive 4mm of High purity copper for audio purists • 2 x 4.0mm conductors • Mobile/fixed installations • Black jacket • Supplied on 100m reels
MASER PS.OF2/2.5-100		• MASERCABLE *ProSpeaker* • 2x2.5mm of high purity OFC copper in a tough but flexible black PVC jacket • Supplied on 100m reels
MASER PS.OFC4-100		• MASERCABLE *ProSpeaker* • 4x16 AWG of high purity OFC copper in a tough but flexible green PVC jacket • Supplied on 100m reels
BELDEN 70047		• 4x2.5mm Halogen Free • FRNC • Black jacket • Supplied on 500m reels
MASER PS-OFC2/NH-250		• MASERCABLE *ProPink* • 2x16 AWG of high purity OFC copper • Pink LSOH jacket • Supplied on 250m reels
MASER PS-OFC4/NH-250		• MASERCABLE *ProSpeaker* • 4x16 AWG of high purity OFC copper • Pink LSOH jacket • Supplied on 250m reels
BELDEN MIC/STARQUAD		• Super Flex Microphone Cable • OFC with overall braid • PVC jacket • Supplied on 500m reels • Various options available – please contact Maser for details

DATA CABLES

BELDEN 1583E		• CAT5E UTP • PVC/LSOH • Solid conductor • Available in 10 colours • Supplied in 305m box
Draka C5EF-GY		• CAT5E FTP • PVC grey jacket • Solid conductor • Overall foil shield • Supplied in 305m box
Draka CAT5E FTP PATCH		• CAT5E FTP Patch • Stranded Conductor • Foil shield • PVC Grey jacket • Supplied in 305m box
BELDEN 1305A		• CAT5E Mobile CATSNAKE Upjacketed, PVC Black • Ethersound approved • Supplied on 305m reels
BELDEN 1303E		• CAT6A Mobile CATSNAKE • CAT6A S/FTP • Supplied on 305m reels
BELDEN 7965E		• CAT6 UTP • PVC/LSOH • Blue/Grey • Supplied on 305m reel
BELDEN 7860NBH		• CAT6 FTP • Overall foil shield • LSOH Grey, Blue or Violet • Supplied on 305m reels

DATA CABLES

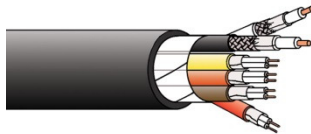|		
BELDEN 1685ENH		• CAT 6A FTP • Overall and Individually Shielded • Grey/Blue • <mark>LSOH</mark> • Supplied on 500m reels
BELDEN 1885ENH		• CAT 7 FTP • 1000Mhz • Overall and Individually Shielded • Grey/Blue • <mark>LSOH</mark> • Supplied on 500m reels

COMPOSITE CABLES

|		
BELDEN 1502RG751000		• Multi media 2 pair control • Aqua/Black PVC jacket • Lutron/Cresnet/AMX/ Type • Supplied on 305m reels
BELDEN 1347AB591000		• New ultimate SNG composite mobile copper HD • 2 x HDTV 1505A Coax, 4x BAL Audio Pairs 9451 • Supplied on 153m & 305m reels
DMX Cable		• DMX1 – 1 Pair • DMX2 – 2 Pair • <mark>LSOH</mark> • Black Jacket

FIBRE CABLES

BELDEN

GMMT

- TAC Fibre
- 2-12 Single Mode
- 2.1Km Reels

PF-UHD4-300
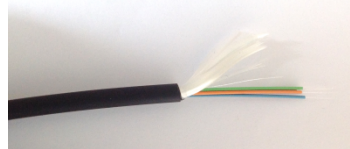
- *Profibre*
- For multi media applications
- HD Video DIST – Crestron type
- OM3 MM CLT 50/125
- LSOH Black jacket
- Supplied on 300m reels

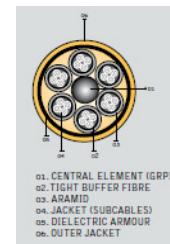# FIBRE OPTIC

Loose Tube Cables

In loose tube cables, the coated fibre "floats" within a rugged, abrasion resistant, oversized tube which is filled with optical gel. Since the tube does not have direct contact with the fibre, any cable material expansion or contraction will not cause stress on the fibre. Much of the external stress placed on the tube also will not be transferred to the fibre. The non-hygroscopic gel prevents water from entering the tube. The loose tube cables are proven the best solution for harsh environment conditions in the outdoors.

Central Loose Tube Cables

The Central Loose tube designs are the economical option for low fibre counts (up to 24 fibres). The cable design offers a smaller overall dimension and ensures a more efficient use of conduit space than typical loose tube. The central tube minimizes the amount of labour and material required to install the cable.

Buffered Fibre Cables

This group of products is characterized by buffered fibres. A thermoplastic material is extruded directly over the acrylate coating, increasing the outside diameter of the fibre to 900 micron (0.9 mm), an industry standard. The tight buffer supplies the fibre with added mechanical and environmental protection, increased size for easy handling and a simple means of adding colour coding for fibre identification. During connectorization, the buffer is stripped back to an exact length as required by the connector manufacturer. The cables are available for indoor and indoor/outdoor (universal) applications.

01. CENTRAL ELEMENT (GRP)
02. TIGHT BUFFER FIBRE
03. ARAMID
04. JACKET (SUBCABLES)
05. DIELECTRIC ARMOUR
06. OUTER JACKET

STRATOS EXPANDED BEAM CONNECTORS AND ASSEMBLIES

Stratos Connectivity Solutions HMA and HxMA		• 2 & 4 channels, mm or sm • Rugged hermaphroditic construction • Compatible with MIL-DTL-83526/20A/21A & mixedmode
Stratos Connectivity Solutions HMC		• Miniature housing 21mm diameter • 4 channel, mm or sm • Rugged hermaphroditic construction
Stratos Connectivity Solutions Expanded Beam ST		• Available with standard and MIL-C-83522 connector bodies • MM and SM • Simplex multimode and singlemode cable assemblies
Stratos Connectivity Solutions Custom Expanded Beam		• 2 channels, multimode • Optical performance – MM:IL<1.2db • Rugged hermaphroditic construction
Stratos Connectivity Solutions S900		• 2 & 4 channels, mm or sm • Optical performance – MM:IL <1.2dB; SM:IL<2.0dB; RL>40dB • Rugged hermaphroditic construction
Stratos Connectivity Solutions S960		• 2,4,8 and 12 channels, mm • Optical performance – MM:2,4 & 8 channel IL<1.5dB, 12 channel IL<2.0dB • Rugged hermaphroditic construction

STRATOS EXPANDED BEAM
CONNECTORS AND ASSEMBLIES

Stratos Connectivity Solutions Hx1080	• SMPTE compatible – 2 optical & 2 electrical • Rugged hermaphroditic construction • Field serviceable – easy to clean
Stratos Connectivity Solutions HTC	• 1 to 4 channels, multimode • MIL-C-38999 Series III shell size 13 with shell 11 option • Backshell options:
Stratos Connectivity Solutions Bullet Adaptors	• Eliminates hybrid jumper cables • HMA to TFOCA • HMA to TFOCA-11® • TFOCA to ST, SC, LC, FC
Stratos Connectivity Solutions Loopback	• Facilitates burn-in and system testing • Singlemode and multimode • 2 and 4 channel • Rugged hermaphroditic
Stratos Connectivity Solutions Cable Reel	• Military, Industrial and AV reels • Various sizes to accommodate a specified length
Stratos Connectivity Solutions Ruggedized In-Line Splice	• 2 and 4 channels, mm and sm • LC connector polish configuration • Field termination in 30 minutes

MASER CABLE HDMI PATCH LEADS

New 10.2 Gbps Embedded High Speed HDMI Cable

Part No.	Size
HDMI-0.5-V1.4	0.5 Metre Male-Male (30awg)
HDMI-01-V1.4	1 Metre Male-Male (30awg)
HDMI-02-V1.4	2 Metre Male-Male (30awg)
HDMI-03-V1.4	3 Metre Male-Male (30awg)
HDMI-05-V1.4	5 Metre Male-Male (30awg)
HDMI-10-V1.4	10 Metre Male-Male (28awg)
HDMI-15-V1.4	15 Metre Male-Male (Chip)(30awg)
HDMI-20-V1.4	20 Metre Male-Male (Chip)(28awg)

- With Module Technology from RedMere, you can get the Worlds Thinnest, Lightest and most flexible cables with HDMI Technology for connecting Portable devices to HDTVs

- HDMI Ethernet Channel - Adds High Speed Networking to an HDMI Link, allowing use with IP-enabled devices.

- Audio Return Channel - Allows Audio without a separate audio cable

- 3D Over HDMI - Allows 3D Gaming and Home Theatre applications

- 4K x 2K Video Support - Enables Video Resolutions far beyond 1080p

- Refresh Rate (60-120Hz) - Colour Depth 48(bit/px) - Resolution (4k@30fps)

- LSOH Black Jacket

HDTV 3Gb/s – 4.5GHZ VIDEO
WECO PATCH PANELS

TROMPETER

HDVDP/HDVDPM SERIES
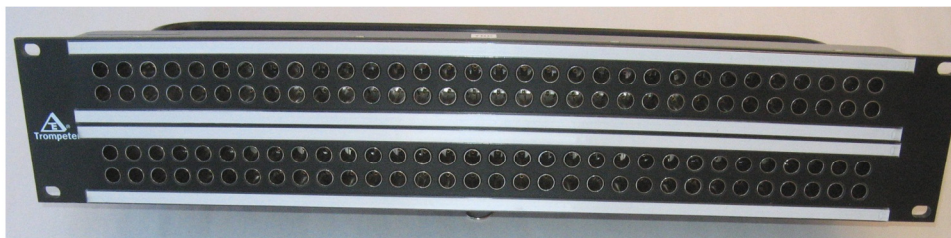## WECO PATCH PANELS

Key Features:

Trompeter's new HDVDP and HDVDPM Patch Jacks are designed and engineered to exceed SMPTE 292M specifications for high definition video transmission and connectivity. The normal-thru contact interface design of HDVDP/HDVDPM consists of a self-aligning normal-thru U-slot, two redundant points of contact, an independent applied normal force at each contact point and a mechanical wipe region at each contact interface location. These design attributes provide reliable and repeatable patching/un-patching, resulting in low-level contact resistance stability.

HDVDPT Full-size WECo format, terminated
HDVDP Full-size WECo format, non-terminated
HDVDPMT mini WECo format, terminated
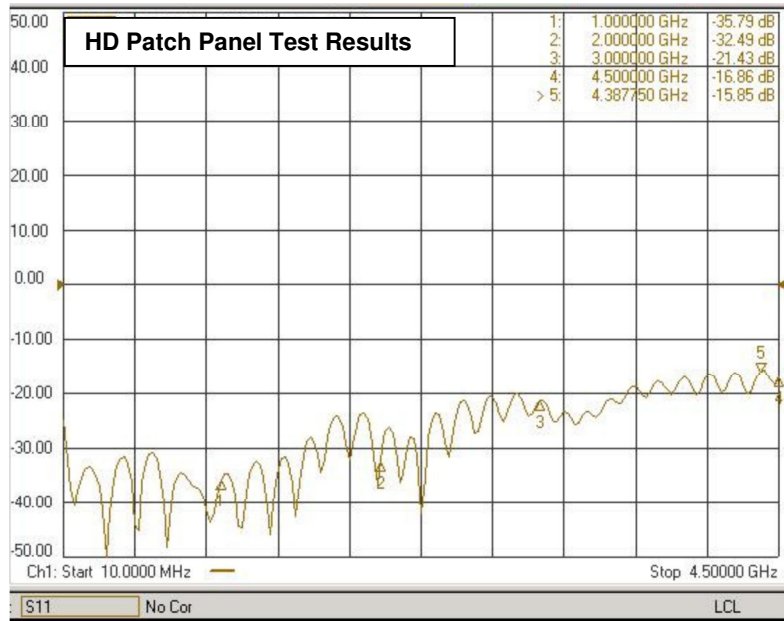HDVDPM mini WECo format, non-terminated

See page 16 for Test Data.

Contact Maser to specify your Trompeter part number

2U 64 Way
Mini WECO HD
Patch Panel

ETROMPETER **TEST RESULTS FOR HD PATCHING AND HD BNC PRODUCTS**

HD Patch Panel Test Results

1:	1.000000 GHz	-35.79 dB
2:	2.000000 GHz	-32.49 dB
3:	3.000000 GHz	-21.43 dB
4:	4.500000 GHz	-16.86 dB
> 5:	4.387750 GHz	-15.85 dB

Ch1: Start 10.0000 MHz — Stop 4.50000 GHz

S11 No Cor LCL

HD BNC Test Results

1:	1.000000 GHz	-38.28 dB
2:	2.000000 GHz	-36.99 dB
3:	3.000000 GHz	-31.49 dB
4:	4.500000 GHz	-37.62 dB
> 5:	2.322350 GHz	-24.82 dB

Ch1: Start 10.0000 MHz — Stop 4.50000 GHz
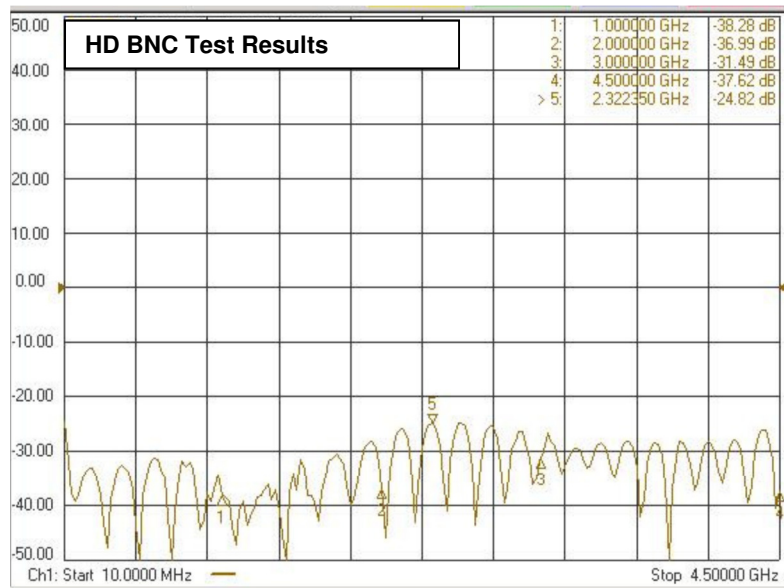
UPL2000 SERIES – 4.5GHZ HD 3Gb/s
BNC CONNECTIVITY

The Trompeter UPL2000 is a classically robust, high frequency, true 75 ohm BNC connector that is designed to handle high bit-rate digital video signal transmissions in conjunction with the low loss coaxial cables used in broadcast applications.

Trompeter design engineers understand the unique problems associated with the combination of high data rate digital traffic and high frequency transmissions. The unique design of the UPL2000 allows for an impedance matched transition through the connector, taking advantage of the electromagnetic effects that are so unique to high frequency transmission lines. The signal is contained within the inside surface of the outer shield through the connector in much the same way that the braid of the coax cable contains the electromagnetic energy of the signal within the cable dielectric itself. This effect is more pronounced as transmission frequency rises, as is the case with DTV and HDTV.

Please see page 23 for HD Cross Reference and Page 16 for Test Data.

HD TV BRILLIANCE 3GB BNC CONNECTORS

Belden HD Brilliance Connectors exceed SMPTE return loss standards, providing excellent headroom and true 75 ohm performance for those instances when Broadcasters need to push the limits. Durability is excellent, with brass construction and patented compression rings ensuring pullout forces exceeding 445 N, depending on the cable. Experts can choose from three Belden HD Brilliance Connector platforms to find the right solution for their broadcast needs.

Type: Locking – 1 Piece Compression

Part No.	Description	Colour Band	Imp. (Ohms)	Pullout Strength (N)	Qty
179DTBHDL	179 Digital Truck BNC Connector	Yellow	75	Exceeds Cable Strength	50
1855ABHDL	22-24 AWG BNC HD Connector	Purple	75	295	50
1505ABHDL	RG59 BNC HD Connector	Red	75	325	50
1694ABHDL	RG6 BNC HD Connector	Green	75	455	50
1794ABHDL	RG7 BNC HD Connector	White	75	485	50

Type: Watertight Locking – 1 Piece Compression

Part No.	Description	Colour Band	Imp. (Ohms)	Qty
1694ABHDLW	RG-6 Watertight Locking HD BNC Compression Connector	Green	75	50
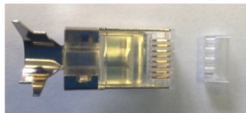
Type: 1 Piece Compression

Part No.	Description	Colour Band	Imp. (Ohms)	Pullout Strength (N)	Qty
179DTBHD1	179 Digital Truck BNC Connector	Yellow	75	Exceeds Cable Strength	50
1855ABHD1	22-24 AWG BNC HD Connector	Purple	75	295	50
1505ABHD1	RG59 BNC HD Connector	Red	75	325	50
1694ABHD1	RG6 BNC HD Connector	Green	75	455	50
1794ABHD1	RG7 BNC HD Connector	White	75	485	50
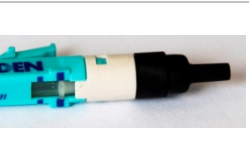
Type: 3 Piece Crimp

Part No.	Description	Colour Band	Imp. (Ohms)	Pullout Strength (N)	Qty
179DTBHD3	179 Digital Truck BNC Connector	Yellow	75	See Cable Spec	50
1855ABHD3	22-24 AWG BNC HD Connector	Purple	75	330	50
1505ABHD3	RG59 BNC HD Connector	Red	75	320	50
1694ABHD3	RG6 BNC HD Connector	Green	75	400	50
1855ABHD3ENH	23 AWG BNC HD Connector	Violet	75	330	50

CONNECTORS

BELDEN Snap-N-Seal® Connectors

Belden delivers industry-leading products by emphasizing superior quality and easy installation to provide a brand you can depend on to deliver innovation and reliability. By combining the advanced, patented design features of F-Conn® and the traditional, easy-to-use Snap-N-Seal® construction, they have created the industry's best compression connectors as part of the Snap-N-Seal® brand. Contact Maser for assistance in selecting the correct part number for your cable.

F TYPE	BNC	F TYPE & BNC
FSNS6U-F	FSNS59BNCU	F TYPE - 716SNS1P11HQ BNC – FSNS11QHBNC

RCA CONNECTOR		• RCA4-RCR • Gold plated
SPEAKER CONNECTORS	RGSPB RGSPU	• Compression connectors • Fits 12, 14 & 16AWG cables • Banana plug
RJ45's		• MT.4001 CAT5 • MT.4001-S Shielded CAT5 • MT.4002 CAT6 • Pack of 100
MT-4002/S		• CAT6 RJ45 • Shielded • Gold contact plating
R30160200051		• CAT6A RJ45 • 10Gb Industrial Ethernet • FTP Shielded

CONNECTORS

SD CRIMP BNC MALE		• BNC Crimp Male • Pack of 100 • Contact Maser for part number to ensure correct fit with your cable
HD FEMALE		• B2B • Bulkhead • Insulated/Non insulated
F CRIMP MC-7XXX		• Crimp Cable Male F Type • Available in all sizes – call sales on 01329 236000
Fibre AX105202=B25		• Instant Fibre Connectivity • SC 50/125 MM OM3/4 • Reusable • Other versions available – call sales on 01329 236000

STRAIN RELIEF BOOTS

	• BNC Boot • Available in 10 colours • Pack of 100	Available In: Extra Large – MT2002B-COL Large – MT2005B-COL Standard – MT2004B-COL Miniature – MT2009B-COL
MT.4001B-B		• Strain Relief RJ45 Boot • Available in Black, Blue, Green, Grey, White & Yellow • Pack of 100

TOOLING

TROMPETER MT.CT4L		**Crimp Tool** • HD BNC Crimp Frame Tool • For UPL2000 series
TROMPETER MT.CD3-XX		**Die Set** • Die Set for CT4L Crimp Frame • See Trompeter/Belden Cross Reference on page 23
TROMPETER MT-010-0097		**Centre Pin** • 8 Point Centre Pin Indentor
BELDEN BB3PHCT		• Crimp Tool for 3 Piece Connectors with Crimp Die • Fits all Belden Coaxs except 7731A
BELDEN CPLCRBC-BR		• Full Linear Compression Tool for F, BNC, RCA • Supplied with adaptor

TOOLING

BELDEN CPLCCT-SLM		• Compression Tool • Slim size
BELDEN CPLCCT-SS59/11		• SS59/11 – Steel Tool • Cost effective
BELDEN BB3PST		• Strip Tool for 3 Piece Connectors
BELDEN PSA59/6		• COAX Strip Tool for RG59, RG6
BELDEN PS59/6/RGB		• COAX Strip Tool for RG59, RG6, RGB

DK TECHNOLOGIES

DK - Technologies

DK Technologies offers an innovative range of products for those who work in mixing and mastering, post production, radio broadcasting and TV broadcasting.

DK Technologies products are available with a varied specification and price, to ensure the end user can fulfil all required requests.

- Compliant Audio

- Loudness

- Logging

- Metering

- Waveform Monitoring

MSD600M++ AUDIO METER
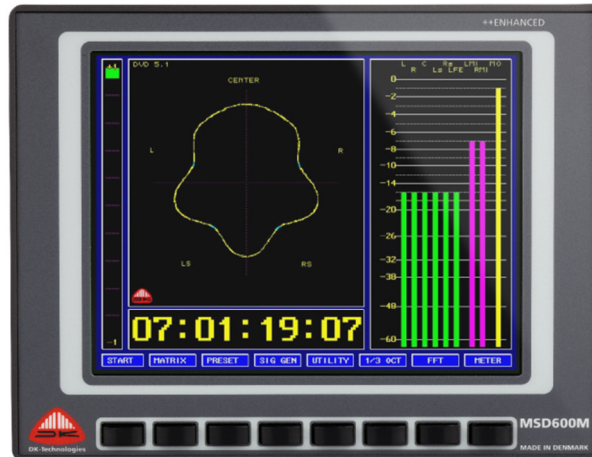
MSD600M++

A King Among Meters

The MSD600M++ Audio Meter is a modular, multi-channel audio analyser accepting up to 32 input channels. The MSD600M++ has 4 configurable input slots and 4 output slots. Available modules include Analogue, AES3 and SD-SDI formats.

The MSD600M++ and PT0600M, Stereo and Surround Sound Meters, from DK-Technologies offer phasemeter, audio vector oscilloscope and PPM / VU level meter and Loudness compliant with all major Broadcast standards including R128, A/85, ARIB etc.

The scale collection included with MSD600M++ is extensive. Furthermore, the DK-Scale™ software application (PC) contains a large library of scales which easily can be downloaded to the meter. Modification of existing scales or designing new scales according to your own specifications are also possible as well.

AUDIO AND WAVEFORM MONITOR

DK - Technologies

The PT0800 introduces a unique combination of Audio, Loudness and Waveform monitoring at the highest precision, allowing it to blend into virtually any metering applications.

With its modular hardware approach and highly customised user interface, the PT0800 is one of the most versatile Waveform Monitors/Audio and Loudness Meters on the market today.
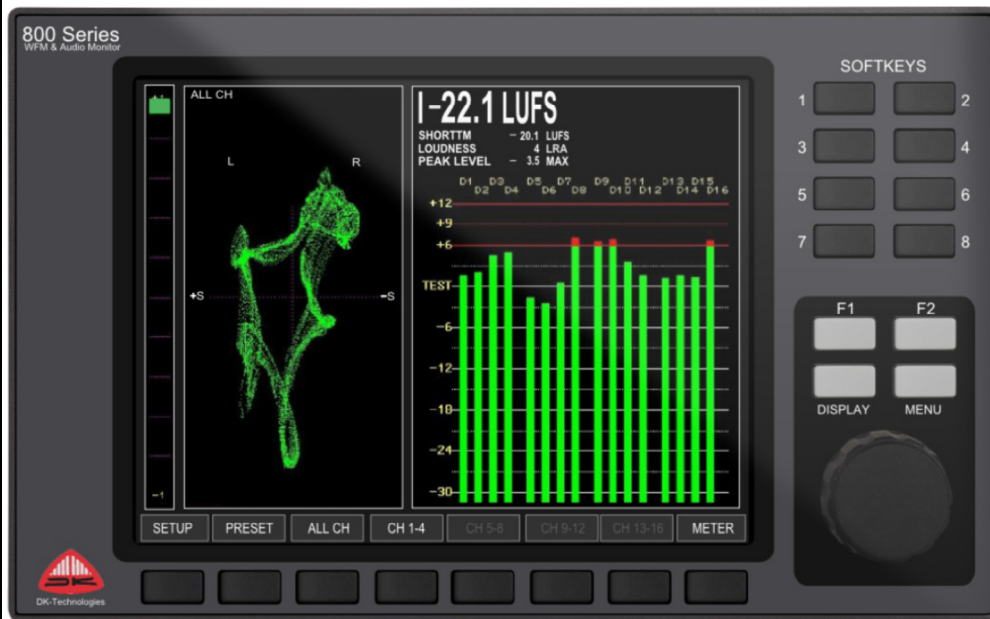
Bullets & Benefits

- High Bright TFT 6.8"
- 8 User Preset Keys, customizable
- 8 User Soft keys, complete customization
- Modular I/O: SDI, AES, Dolby E etc.
- Up to 64 Audio Inputs/16 outputs
- Full Audio Metering inc. stereo, 5.1 & multiple channels
- Loudness Logging, compliant with all major broadcast standards
- User definable Gamut error settings
- G, R, B, Y, Cb, Cr & Luminance display

- A/B Overlay & A/B Parade display
- Up to 2 or 4 Auto sensing SDI inputs
- Up to 4 Waveforms on single screen
- 2 or 4 Channel Waveform Monitor
- Num. display of user selectable timebase
- Universal 1/2 rack, 3RU or Desktop
- Picture preview
- Up to 4 SDI video inputs , 1 SDI output
- Self-sensing genlock input, Blackburst / Trilevel

DK T7

DK T7 – Compliant Audio, Loudness & Logging System

Hit your Audio and Loudness sweet-spot with outstanding precision, instant overview and detailed reporting

We are proud to present our feature packed and high precision 7″ Multi touch Audio, Loudness & Logging Metering system.

The DK T7 marks another high point in Audio & Loudness Metering. Complete with all our well-known high precision metering tools as well as 3G SDI, 8 ch. AES I/O, Headphone out and more – all included from the get-go – the DK T7 has you covered for any possible application.

BENEFITS

- Bargraphs or Moving Coil – Your choice of metering tool
- JellyFish™ & StarFish™ – Channel Interrelation View
- Loudness and True Peak Logging – Document & Report
- Clear Loudness metering & readout – Loudness conformity
- Real time True Peak PPM – No hidden 'overs'
- Compliant with major loudness standards – Hit your target
- FFT Analysis – See and secure your audio from any angle

- SDI 3G I/O, AES3 8ch. I/O, Analogue 2ch. In – Covered!
- Flexible and User definable setup – Personalize to your wish
- SMPTE Reader – Readout and Log against Time code
- HDMI screen and Audio output – Monitor your Meter
- Headphone Output – Listen in
- USB and Ethernet Control – Log and Report
- Multi Touch screen User interface

DK METER TECHNICAL SPECIFICATIONS

	DK1	DK2	DK5	DK T7
Audio Connectors				
Analogue input	2 XLR input	2 XLR input	2 XLR input	2 XLR input
AES input/output	6. ch. AES3 Inputs BNC (AES3-4-2009)	6. ch. AES3 Inputs BNC (AES3-4-2009)	6. ch. AES3 Inputs BNC (AES3-4-2009)	8. ch. AES3 Input/Output BNC (AES3-4-2009)
Headphone out	No	No	No	Yes
Video Connectors				
SDI In / Out	-	-	BNC 3G/HD/SD SDI (active loop through)	BNC 3G/HD/SD SDI (active loop through)
Digital Input				
Bit Resolution	24 bit	24 bit	24 bit	24 bit
Group Delay	1.75msec	1.75msec	1.75msec	1.75msec
Nominal input imp.	75 ohm	75 ohm	75 ohm	75 ohm
S-rate int. /ext.	48kHz	48kHz	48kHz	48kHz
Analogue Input				
Input type	Balanced (electronic)	Balanced (electronic)	Balanced (electronic)	Balanced (electronic)
Dynamic range	>103dB	>103dB	>103dB	>103dB
Crosstalk	<96dB	<96dB	<96dB	<96dB
SNR	Typ. 93dB relative to -1dBFS	Typ. 93dB relative to -1dBFS	Typ. 93dB relative to -1dBFS	Typ. 93dB relative to -1dBFS
Nominal input Imp.	>20kOhm	>20kOhm	>20kOhm	>20kOhm
Maximum input level	24dBu	24dBu	24dBu	24dBu
Freq. resp. 20Hz-20kHz	+/-0.3dB	+/-0.3dB	+/-0.3dB	+/-0.3dB
Screen & Operation				
TFT	4.3"	4.3"	4.3"	7"
Operation	Touch Buttons	Touch Buttons	Touch Buttons	Multi Touch Screen
Screen Output	No	No	No	HDMI 1024 x 680
Number of Display ch.	4	8	16	16
Loudness				
Compliant with...	ITU BS1770-3, EBU R128, A/85, ARIB	ITU BS1770-3, EBU R128, A/85, ARIB	ITU BS1770-3, EBU R128, A/85, ARIB	ITU BS1770-3, EBU R128, A/85, ARIB
Reference Level digital	-12dBFS & -24dBFS	-12dBFS & -24dBFS	-12dBFS & -24dBFS	-12dBFS & -24dBFS
Dynamic gate level	-2LU dB to -20LU/Off	-2LU dB to -20LU/Off	-2LU dB to -20LU/Off	-2LU dB to -20LU/Off
Short term int. window	0, 10, 30 seconds	0, 10, 30 seconds	0, 10, 30 seconds	0, 10, 30 seconds
Num. Loudness	Intgr. Momnt, Shorttrm, LRA, True Peak	Intgr. Momnt, Shorttrm, LRA, True Peak	Intgr. Momnt, Shorttrm, LRA, True Peak	Intgr. Momnt, Shorttrm, LRA, True Peak
True Peak	Flying peak & Num.	Flying peak & Num.	Flying peak & Num.	Flying peak & Num.
Peak thrs. / hold time	-2dBFS / >0.5sec	-2dBFS / >0.5sec	-2dBFS / >0.5sec	-2dBFS / >0.5sec
Power				
Consumption	350mA	350mA	350mA	1500mA
Power Supply	Plugtop, 100-240V, 5VDC, 500mA May be powered from Computer or USB hub	Plugtop, 100-240V, 5VDC, 500mA May be powered from Computer or USB hub	Plugtop, 100-240V, 5VDC, 500mA May be powered from Computer or USB hub	Plugtop, 100-240V, 15VDC, 1500mA
Mechanical				
Dimensions	88 x 132 x 18 mm Aluminium Chassis	88 x 132 x 18 mm Aluminium Chassis	88 x 132 x 18 mm Aluminium Chassis	132 x 186 x 24 mm Aluminium Chassis
19" Rack mountable	Yes	Yes	Yes	Yes
Desk Top Bracket	Included	Included	Included	Included

DK - METER - **Audio & Loudness** Metering Complete

DK-Technologies
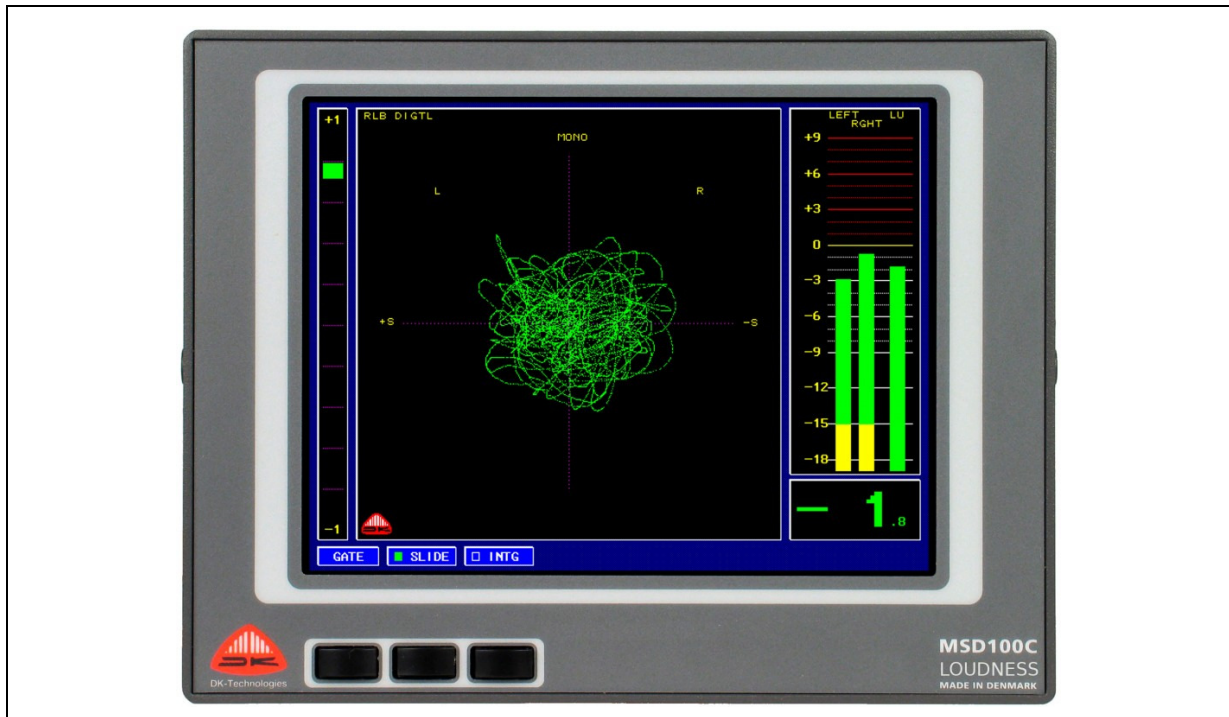
MSD100C

MSD100C Loudness

Stereo Audio & Loudness

The ITU Recommendation BS.1770 specifies the algorithms to measure audio programme loudness.

The MSD100C Stereo Loudness Meter implements these algorithms to display the loudness of the individual audio channels as well as the sum of the left and right signals.

The MSD100C Loudness represents a no-nonsense and simple approach to constantly monitoring both audio peak, loudness levels, phase correlation and amplitude

TROMPETER/BELDEN HD CROSS REFERENCE CONNECTOR TOOL MATRIX

7731A	1694A/D/WB	1694F	1505A	1505F	1855ENH	1855A	179DT		
						●		MT.UPL2000-D19/B	HD BNC Crimp Connector
					●			MT.UPL2000-D12/B	
			●	●				MT.UPL2000-D2/B	
	●	●						MT.UPL2000-D4/B	
●								MT.UPL2000-D5/B	
							●	MT.UPL2000-D7/B	
	●	●						MT.2002B-Colour	Strain Relief Boot
					●	●		MT.2004B-Colour	
			●	●				MT.2005B-Colour	
							●	MT.2009B-Colour	
●	●	●	●	●	●	●	●	Crimp Frame CT4L ONLY	
					●	●	●	CD3-1	Die Sets for Frame
	●	●	●	●				CD3-21	
●								CD3-22	
●	●	●	●	●	●	●	●	Centre Pin MT.010-00097	
●	●	●	●	●	●	●	●	Strip Tool ST1/STC-F	
●	●	●	●	●	●	●	●	Power Strip Tool MT.BCS-UK	
							●	179DTBHD1	Belden 1 Piece Compression
						●		1855ABHD1	
			●	●				1505ABHD1	
	●	●						1694ABHD1	
							●	179DTBHD3	Belden 3 Piece Crimp
						●		1855ABHD3	
					●			1855ABDH3ENH	
			●	●				1505ABHD3	
	●	●						1694ABHD3	