

MB 002E

**Belden's HD Designed Video Coaxial Cables Deliver:**

- High Quality
- High Spec Technology
- High Performance
- Competitive Prices



**Superior in Performance, Competitive in Price**

Belden® broadcast cables have established a strong reputation for quality and reliability. In fact, they are setting the standard in HD applications around the world, ranging from major sporting events to daily news broadcasts. They are physically robust and require simple connectivity. With guaranteed Return Loss performance, these cables offer excellent picture quality and extended transmission distances. Sounds expensive? You may be surprised to learn that Belden broadcast cables can be superior in performance, yet competitive in price. Here we highlight the best of Belden broadcast cables, the first choice of broadcast professionals. See for yourself how Belden Broadcast cables set the standard.

**10 Reasons to Choose Belden**

- Belden's HD coaxes deliver 3G and exceed the standards. See the chart below for the maximum transmission distances
- Belden guarantees return loss (-23 dB from 5 MHz to 1.6 GHz and -21 dB from 1.6 GHz to 4.5 GHz)
- High-density nitrogen gas-injected foam dielectric used in the center core enable Installable Performance™
- High-density nitrogen-gas-injected foam resists deformation when bent or crushed delivering stable impedance and low return loss












- High quality and maximum consistency without connector issues and re-pulling of cable
- Very low attenuation
- All cables are available in halogen-free (direct burial, UV-resistant)
- Belden measure 75 ohms to 4.5 GHz to give the user real data for 1080p/50 applications
- Bundled versions (VideoFlex Et BananaPeel®) are available
- Belden HD coaxial cables deliver excellent picture quality and are deployed at major international sporting events because of our state-of-the-art technology

**Transmission Distance**

Data Rate:	SD		HD				3G		
	270 Mb/s		1.5 Gb/s				3.0 Gb/s		
Spec:	SMPTE 292M		SMPTE 259M (SMPTE 372M)				SMPTE 424M		
Application:	Component SDI		720p - 1080i (Dual Link 1080p)				1080p		
Part No.	FT.*	M*	FT.*	M*	Independent Test	Genium	FT.*	M*	Trinix (ThomsonG)
179DT	380	116	110	34	40		80	24	
1855A	790	241	260	79	80		150	46	78
1855ENH	856	261	284	87	100		170	52	
1505F	830	253	215	66	90		145	44	
1505A	1110	338	310	94	120		220	67	
1694F	1070	326	285	87	110		190	58	
1694A	1430	436	400	122	140	230	270	82	140
7855A	1667	508	465	142			328	100	
7731A	2040	622	550	168	230		360	110	188

\* calculated

**Belden's HD Designed Coaxial Cable Portfolio Includes:**

	<b>179DT</b>	DigiTruck, Low loss HDTV/SDI Digital video RG179 Coax, Duobond foil and 95% tinned copper braid, extremely small, lightweight and saves space
	<b>1855A</b>	Low loss HDTV/SDI Digital Video RG59/U Coax, 23 AWG Duofoil® and 95% tinned copper braid, recommended HD Distance: 80 m
	<b>1855ENH</b>	Loss HDTV/SDI Digital Video RG59/U Coax, 22 AWG Duofoil® and 90% tinned copper braid LSNH jacket, recommended HD Distance: 100 m
	<b>1505A</b>	Low loss HDTV/SDI Digital Video RG59/U Coax, 20 AWG Duofoil® and 95% tinned copper braid, recommended HD Distance: 120 m
	<b>1505ANH</b>	Low loss HDTV/SDI Digital Video RG59/U Coax, with LSNH jacket, recommended HD Distance: 120 m
	<b>1505F</b>	Low loss HDTV/SDI Digital Video RG59/U Coax, extremely flexible with double 98% braided, recommended HD Distance: 100 m
	<b>1694A</b>	Low loss HDTV/SDI Digital Video RG6/U Coax, 18 AWG Duofoil® and 95% tinned copper braid, recommended HD Distance: 140 m
	<b>1694ANH</b>	Low loss HDTV/SDI Digital Video RG6/U Coax, with LSNH Jacket, recommended HD Distance: 140 m
	<b>1694F</b>	Low loss HDTV/SDI Digital Video RG6/U Coax, extremely flexible with double 98% braided, recommended HD Distance: 120 m
	<b>7731A</b>	Low loss HDTV/SDI Digital video RG11/U, 14 AWG Duofoil® and 95% tinned copper braid, recommended HD Distance: 230 m
	<b>7731ANH</b>	Low loss HDTV/SDI Digital video RG11/U, 14AWG Duofoil® and 95% tinned copper braid, with LSNH jacket, recommended HD Distance: 230 m

For more information on these products please go to  
<http://www.beldenemea.com/entertainment>

We appreciate that in most cases one size does not fit all and that you may have some specific requirements. As the world's leading supplier of high quality broadcast cables, Belden® has a wide choice of products and superior technical support to ensure that you get exactly what you need. For more information, please contact: