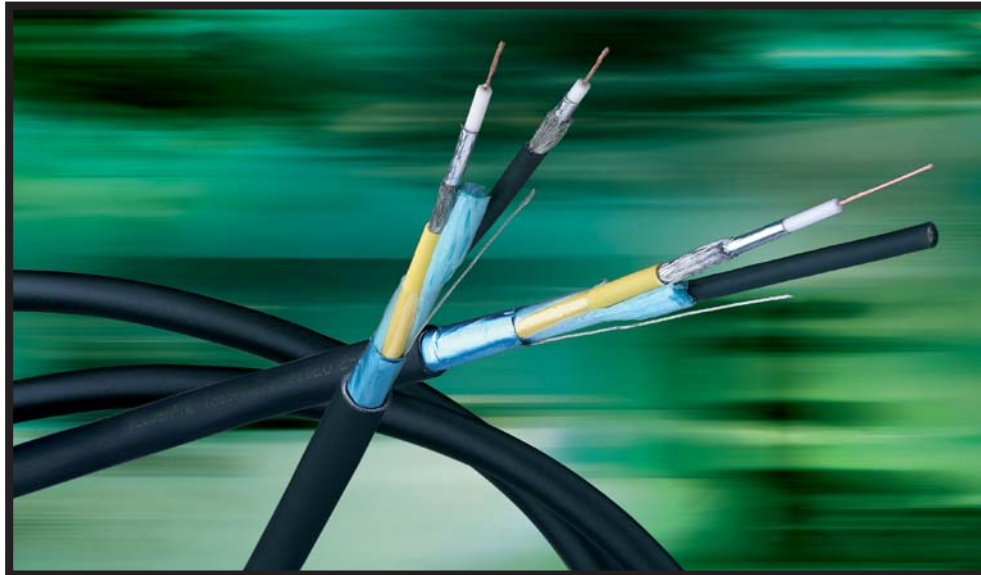


NP 116E

New Belden® S-Video cable 1865AN2 combines optimum performance with easy installation.



Introducing the Belden® Mini High Resolution S-Video BNC Cable

Belden has introduced a new S-Video/BNC cable, 1865AN2, designed for connecting S-video compatible projectors, beamers and other video equipment. This new Belden coax cable offers a truly effective solution for anyone who needs to install or integrate top-of-the-range video facilities in professional or semi-professional settings.

The new cable has a number of special features that enhance performance, both indoor and outdoor. From the stranded copper center conductor to its highly flexible FRNC jacket, this highly flexible cable looks and acts professional, meeting Broadcast Quality standards. The halogen-free jackets make the cables highly suitable for locations where there is an increased need to protect human life or valuable materials against the effects of fire.

Belden now offers the following S-Video/BNC cables:

1865AN2	Put-ups
2x1865A	The cable is available with 100 and 500 m put-ups.

Delivering Outstanding Performance

S-Video separates the brightness (Y) and color (C) signals and transmits them on separate lines. This delivers better picture quality. Belden 1865AN2 cable features foil under braid shielding. This contributes to low attenuation. The dielectric is surrounded by the shield's foil layer and can be very easily removed for BNC connectors, minimizing

possible conductor-to-shield shorts. It can also be held in place for RCA and F-style connectors. The coaxes deliver a minimum return loss of 21 dB between 5 and 850 MHz, and 18 dB between 851 and 3000 MHz and they are pre-timed to less than 4.0 ns/m delay difference between each coax.

Easy to Install – Anywhere, Anytime

Belden 1865AN2 S-Video/BNC cable is the product of choice for any application requiring S-video cables. Easy to install, these cables have all the right properties including proper boot fit, easy flexing for installation and equipment hook-up. UV-resistant and easy to terminate, these coax cables are suitable for indoor and outdoor use and color-coded for easy identification. The cable jackets are meter-marked to aid tracking during installation. They are available with 100 and 500 m put-ups and are designed for BNC connectors. The cables remain flexible in temperatures as low as -40°C.

Typical Applications

S-Video carries the color information as one signal over a dual coax cable, and delivers superior picture quality for S-video compatible equipment, i.e. devices that have the relevant connections and color encoding. Therefore, these high performance cables are ideal for use in top quality video, high-end computer graphics and animation, home cinema and/or video conferences and presentations.

Cable Construction

The cable has a 25 AWG/0.5 mm (stranded) bare copper conductor. The insulation is made of gas-injected foam HDPE. The shielding is Duofoil® (100%) combined with a 95% tinned copper braid. The individual coax jackets are FRNC/LSNH and color-coded in yellow and white. The overall jacket is matte black FRNC/LSNH.

they have to comply with IEC 60332-1. Belden S-Video/BNC cable 1865AN2 overcomes both these problems because it uses a flexible halogen-free plastic. Halogen-free plastic complies with IEC 60332-1 meaning no toxic gas formation and low smoke density in fire situations.

Flexible Halogen-Free Design

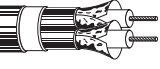
Halogen-free coax cables are notoriously stiff and difficult to strip for termination, especially when

Belden at Your Service

Belden offers a complete line of video and audio cables for broadcast and residential use. These cables are available from a single source and are featured in the new EMEA Master Catalog (sections 19 and 21).

Home Cinema Video Cables

Low Loss HDTV/SDI Digital Coax and SVHS(S-VIDEO) Coax

De- scription	Part No.	UL NEC/ C(UL)CEC Type IEC	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Insulation OD		Shielding Material Nom. DCR	Nominal OD		Nom. Imp. (Ω)	Nom. Vel. of Prop.	Nominal Capacitance		Nominal Attenuation				
			ft.	m	lbs.	kg		inch	mm		inch	mm			pF/ft.	pF/m	MHz	dB/ 100 ft.	dB/ 100 m		
25 AWG • Stranded (19x37) 0.5 mm Bare Copper • Duofoil® • 95% Tinned Copper Braid																					
Gas-Injected Foam HDPE Insulation • Matte Black FRNC/LSNH Jacket (Inner FRNC/LSNH Jackets Color Code: Black and Yellow)																					
 (2x1865A) Round Construction	1865AN2 IEC 332-1 Digital Video 75°C	328	100	16.1	7.3	0.53 mm 25 AWG (19x37) BC 107.6 Ω/km* 89.9 Ω/km**	0.094 2.39	Duofoil® + 95% TC Braid Overall: 0.366 9.30	0.150 3.81	75 82%	16.5 54.1	1	0.5	1.5	71.5 3.7 12.1 360 8.2 26.9 540 10.1 33.1 750 12.0 39.4 1000 13.9 45.6 1500 17.0 55.8 2250 20.8 68.2 3000 24.0 78.7	5	1.1	3.6	71.5	3.7	12.1
		1640	1000	80.5	36.5							17.7 Ω/km***									
		Return loss at 5-3000 MHz: > 15 dB			Nominal Delay: 4.068 ns/m							Pulling Tension: 250 N									

* DC loop resistance • ** DC resistance inner conductor • *** DC resistance outer conductor • DCR = DC resistance • TC = Tinned Copper • BC = Bare Copper