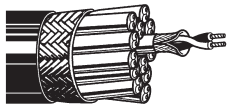


# Belden Audio/Video Cables

## Multicore Cables – analog

### FLEX/braid

Analog  
Mobile



Description UL AWM Style	Part No. UL NEC C (UL) CEC Type	No. of Pairs	Standard Lengths		Std. Unit kg	Outer Jacket Thickness		Nominal O.D.	
			ft.	m		Inch	mm	Inch	mm

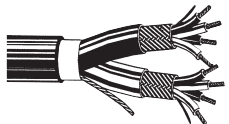
#### Product Description

Belden **46-analog-series** is a flexible audio snake cable with an overall braid shield. This makes the cable suitable for [mobile applications](#). Jacketed pairs are [individually numbered](#) for easy identification.

Tinned copper, single-insulation: PE, each pair of a Red and a White insulated single and shielded first with a polyester foil and then with a spiral screening of 0.10 mm tinned copper (> 90% coverage). Each screened pair jacket with a numbered PVC jacket. Pairs twisted together in a layer with a central filler and shielded with a non-woven foil. Overall tinned braid (> 80% coverage). Jacket matte soft PVC, color code: Black.	<b>26 Gage</b> (0.14 mm <sup>2</sup> ) (18 x 0.1)	<b>46312</b>	4	1640	500	91.5	0.173	4.40	0.492	12.5
		<b>46313</b>	8	1640	500	136.5	0.150	3.80	0.591	15.0
		<b>46315</b>	12	1640	500	169.0	0.126	3.20	0.638	16.2
		<b>46305</b>	16	1640	500	201.0	0.130	3.30	0.709	18.0
		<b>46306</b>	24	820	250	154.0	0.157	4.00	0.882	22.4
		<b>46332</b>	28	820	250	174.0	0.157	4.00	0.921	23.4
		<b>46333</b>	32	820	250	190.8	0.157	4.00	0.988	25.1
		<b>46334</b>	36	820	250	213.3	0.154	3.90	1.055	26.8
		<b>46948</b>	40	820	250	245.0	0.154	3.90	1.083	27.5
		<b>Pair Dimensions &amp; Electricals</b> Nominal O.D. Insulation.....0.044 inch 1.13 ± 0.03 mm Inner Pair Jacket O.D.....118 inch 3.0 ± 1 mm DC loop resistance at 20 ± 5 C.....260 Ω/km (max.) Capacitance at 1 kHz.....70 ± nF/km Nominal Impedance (ohms).....90 ± 20 Ω Nominal velocity of Propagation.....66% Next.....< 0.1 MHz > 75 dB Nominal Attenuation.....0.1 MHz > 1.4 dB 1.0 MHz > 3.6 dB 4.0 MHz > 7.5 dB								

### STAR QUAD (1172A)

Analog  
Mobile



Description UL AWM Style	Part No. UL NEC C (UL) CEC Type	No. of Quads	Standard Lengths		Std. Unit kg	Jacket Thickness		Nominal O.D.	
			ft.	m		Inch	mm	Inch	mm

#### Product Description

Quad snakes are used for connection of multiple microphones to patch panels, mixer boards, or sound rooms. Quad technology offers the best noise rejection for mic and line level applications. Belden's flexible quad snakes feature a Belden patented **French Braid®** for superior noise rejection.

Each quad construction includes four 26 AWG stranded (30 x 40) bare copper polyethylene insulated conductors, color-coded Blue, White, Blue with a White stripe, and White with a Blue stripe. A patented copper <b>French Braid®</b> is applied over the four conductors with a 26 AWG (7 x 38) tinned copper drain wire. Each quad is individually jacketed using a PVC internal jacket, available in the following color code: Brown (1), Red (2), Orange (3), Yellow (4), Green (5), Blue (6), Violet (7), Grey (8), White (9), Black (10), Beige (11), Pink (12), and Grey (numbered from 13 to 24 quads). It includes an additional overall 20 AWG tinned copper drain wire. Quad snakes are available in an overall Black jacket.	<b>26 Gage</b> (0.14 mm <sup>2</sup> )  Stranded Conductors (30 x 40)  <b>Polyethylene Insulated</b>	<b>7884A</b>	2	500 1000	152.4 304.8	42.5 85.0	0.069	1.753	0.458	11.63
		<b>7885A</b>	4	500 1000	152.4 304.8	63.0 126.0	0.057	1.448	0.498	12.65
		<b>7886A</b>	8	500 1000	152.4 304.8	159.0 318.0	0.09	2.286	0.782	19.86
		<b>7887A</b>	12	500 1000	152.4 304.8	172.0 344.0	0.085	2.159	0.828	21.03
		<b>7888A</b>	16	500 1000	152.4 304.8	234.0 468.0	0.097	2.464	0.938	23.83
		<b>7889A</b>	24	500 1000	152.4 304.8	376.0 752.0	0.142	3.607	1.232	31.29
		<b>Quad Dimensions &amp; Electricals</b> Nominal O.D. Conductor.....0.02 inch 0.508 mm Nominal O.D. Insulation.....0.045 inch 1.143 mm Inner Pair Jacket O.D.....0.057 inch 3.988 mm Nominal D.C.R. Conductor.....36 Ω/1.000f 11.8 Ω/100 m Nominal D.C.R. Shield.....6.8 Ω/1.000f 2.23 Ω/100 m Nominal Impedance (ohms).....40 Ω Nominal Velocity of Prop.....66% Nominal Capacitance between conductors @ 1 KHz.....39.2 pF/ft. 128.6 pF/m Nominal Capacitance between conductors in Quad configuration.....57.4 pF/ft. 188.4 pF/m								