

# Belden 8778 Analog Multi-Pair Snake Cables

Eland Product Group **A4B**



## Application

Snake cables are used to connect multiple audio channels in low-level (microphone) and high-level (line) componentry such as console board equipment for recording studios, radio television stations, post-production facilities, and sound system installations.

## Technical Data

### Conductor

Stranded tinned copper

### Sheath Colour

Grey

### Insulation

PP (Polypropylene)

### Voltage Rating

30V

### Screen

Beldfoil® (aluminium foil polyester tape)

### Temperature Rating

-20°C to +80°C

### Drain Wire

Tinned copper

### Minimum Bending Radius

10 x overall diameter

### Sheath

PVC (Polyvinyl Chloride)

### Pair Identification

6 Pairs: Black/Red, Black/White, Black/Green, Black/Blue, Black/Yellow, Black/Brown

## Dimensions

Eland Part Number	Belden Reference	No. of Pairs x Pair x AWG (No. of Strands) # x # x AWG (#)	Nominal Diameter of Strands		Nominal Overall Diameter		Nominal Weight	
			in.	mm	in.	mm	lbs/1000ft.	kg/Km
A4B8778	8778	6 x 2 x AWG22(7)	0.030	0.762	0.352	8.94	74.30	110.56

## Performance Characteristics

Belden Reference	Capacitance (Conductor to Conductor)		Capacitance (Conductor to Shield)		Nominal Inductance	
	pF/ft.	pF/m	pF/ft.	pF/m	µH/ft.	µH/m
8778	30.00	98.40	55.00	180.40	0.18	0.59

## Electrical Characteristics

Belden Reference	Impedance ohms	Conductor Resistance at 20°C		Nominal Velocity of Propagation %	Current Carrying Capacity at 25°C Amps
		ohms/1000ft.	ohms/Km		
8778	50	15	49	66.000	2

The information contained within this datasheet is for guidance only. When selecting accessories such as cleats, glands, etc please note that actual cable dimensions may vary due to manufacturing tolerances.