

# Guitar / Keyboard Instrument Cable

### Applications

- Electronic instruments
- hi-fi interconnects
- test probes
- Audio Patch Cords
- amp to cabinet leads

### Features

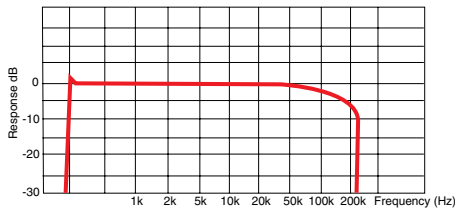
Stays Flexible even in Sub-Zero Weather  
 Oxygen Free Copper Conductor & Shield  
 Reduced Microphonic Handling Noise  
 Low Capacitance & Resistance

### GS-6

A specially designed Oxygen Free Copper 18 AWG cable for connecting Guitar/Bass or Keyboards to amps, mixers, effects pedals and all outboard signal processing gear. Low capacitance and low series resistance provides improved frequency response (flat to 50kHz). A bright, ringing characteristic sound is preserved, even when using HI-Z guitar pickups with long cable runs. The proprietary double Carbon/Braid Copper shield construction eliminates microphonic handling noise, especially on stage where amps are often set at maximum volume levels. Also highly recommended for Amp Head to Speaker Cabinet leads.

### GS-4

Miniature size 22 AWG version of GS-6. Good choice for short run unbalanced audio interconnects and general instrumentation cables.



**GS-6 Frequency Characteristics**  
(100m, 100Ω > 1MΩ load)

### Important Wiring Note:

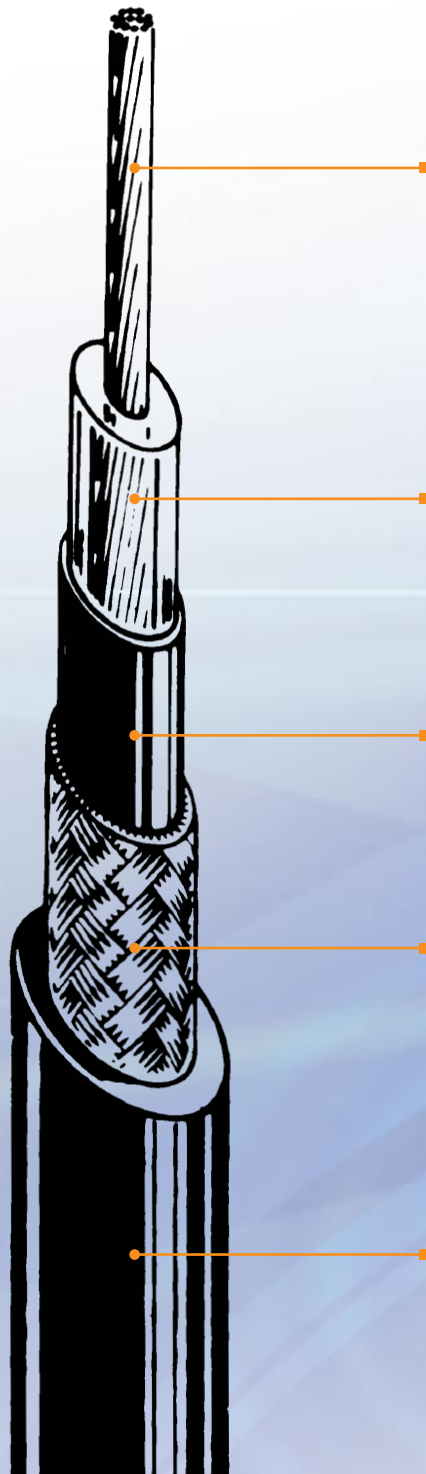
Canare GS-4 and GS-6 utilize a specially designed Conductive Carbon Plastic Shield to protect against undesirable microphonic handling noise. This inner sleeve can cause a short circuit if allowed to come in contact with the OFC center conductor. Please be very careful when stripping cable and remove this material from exposed insulation before soldering.

Conductive shield



Colors Available					
Model	BLK	BLU	ORN	RED	YEL
L-2T2S	■	■	■	■	■
L-2E5	■	■	■	■	■

□ = STANDARD STOCK | ○ = SPECIAL ORDER



### Conductor

Extra thick 18 AWG Center Conductor composed of 127 strands of Oxygen Free Copper, resists nicking and corrosion at solder joint. This robust Conductor has been specially designed to cut power loss on HI-Z guitar pick-ups and all hot musical instrument signals.

### Insulation

Excellent frequency response results from using a special polyethylene dielectric that offers low capacitance and low series resistance.

### Special Inner Shield

We use a proprietary conductive polyvinyl carbon sheath that helps dissipate microphonic handling noise from high gain stage amplification.

### Outer Shield

Canare uses a special high density braid that is tightly woven with many thin strands of Oxygen Free Copper. Our GS-Series professional level instrument cable will withstand severe flexing, nightly stage workouts & heavy duty studio use.

### Jacket

Tough but flexible PVC jacket resists tears and cracks. Stays pliant and will not stiffen, even at sub-zero temperatures. Available in a variety of smooth, satin matte finishes.

Model	Stand. Length	Wgt. Stand. Lng.	Mechanical Specifications					Conduct - AWG (Qty./mil) Cross Sec. Area (mil. <sup>2</sup> )	Dual Shield Coverage	Electrical Performance		
			Nom. O.D.	PVC Jacket Nom. Thick.	Brittle Point	No. of Cond.	Insul. Type * Thick.			Chan. D.C.R.	Shield D.C.R.	Nom Cap **
GS-6	656ft 200m	22 10	.228 5.8	.039 1.0	-56 -49	1	PE 33.5	OFC-#18 127/3.94 1550	OFC>92% Braid + Carbon Sleeve	<5.6 <1.8	<7.6 <2.5	49.0 160
GS-4	656ft 200m	12 5	.157 4.0	.028 0.7	-56 -49	1	PE 19.7	OFC - #22 50/3.94 604.5	OFC >93% Braid Carbon Sleeve	<14.7 <4.8	<9.8 <3.2	47.0 154

\* Dielectric Strength = 500V AC / 1min. Insulation resistance/3Mft = >1000MΩ.  
 \*\* Capacitance between conductor to shield.