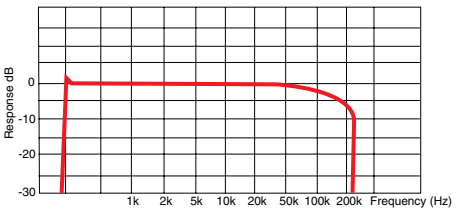
Guitar / Keyboard Instrument Cable

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

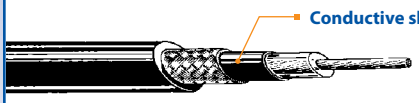
GS-6
A specially designed Oxygen Free Copper 18 AWG cable for connecting Guitar/Bass or Keyboards to amps, mixers, effects pedals and all outboard signal processing gear. Low capacitance and low series resistance provides improved frequency response (flat to 50kHz). A bright, ringing characteristic sound 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)

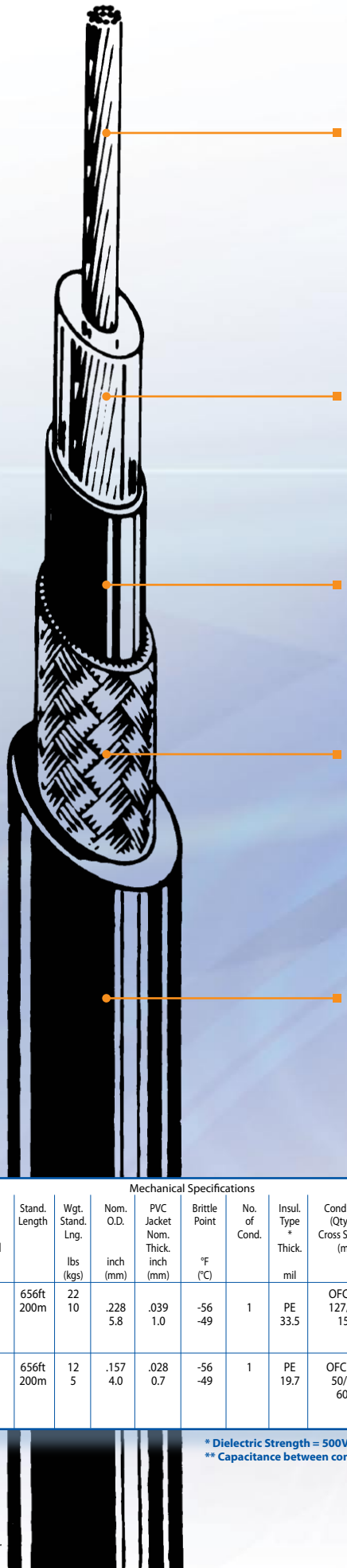
Important Wiring Note:
Canare GS-4 and GS-6 utilize a specially designed Conductive Carbon Plastic Shield to protect against undesirable microphonic handling noise. This inner sleeve can cause a short circuit if allowed to come in contact with the OFC center conductor. Please be very careful when stripping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



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.

	Mechanical Specifications									Electrical Performance		
Model	Stand. Length	Wgt. Stand. Lng. lbs (kgs)	Nom. O.D. inch (mm)	PVC Jacket Nom. Thick. inch (mm)	Brittle Point °F (°C)	No. of Cond.	Insul. Type * Thick. mil	Cond - AWG (Qty./mil) Cross Sec. Area (mil.²)	Dual Shield Coverage	Chan. D.C.R. Ω/1000ft (Ω/100m)	Shield D.C.R. Ω/1000ft (Ω/100m)	Nom Cap ** pF/ft at 1KHz (pF/m at 1KHz)
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.**