

These cables available in a number of colours are used to connect electrode/sensor systems to eDAQ recorders/potentiostats and isoPods.

Typical BNC to 2mm plug Cable connections

2 mm Plug (with alligator clip)
connected to cable inner

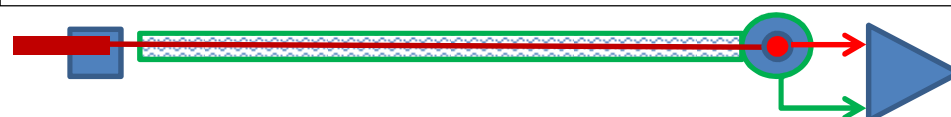
BNC inner pin = connected to signal
BNC outer shell connected to cable shield

Shield is covered by an insulating sleeve to prevent accidental contact with other signals



NOTE: cable shield should be connected to a **ground/common** or **signal** at one end **ONLY** otherwise a current could flow through the shield.

Typical connection



NOTE: In some systems the shield is driven by a voltage so must not be grounded at other end. This is done to reduce the effective capacitance between shield and inner cable which would otherwise reduce the signal bandwidth available – Look for “driven shield” on Wiki

