

Tektronix Plug-In Extension Cable

The Tektronix plug-ins for types 530/540/550 can be easily maintained outside the scope with use of an Extension Cable.

If you are able to locate the connectors you can make the cable by yourself. One good source may be a salvaged Type 81 or 81A plug-in adapter because they have both the male and the female connector.

Connector Pin	Function	suggested colour
1	Signal +	green-red
2	GND	brown
3	Signal -	green
4	-	-
5	-	-
6	-	-
7	-	-
8	Multi-Trace Sync	white-red
9	-150V Bus	red-black
10	+100V Bus	red-brown
11	+225V Bus	red-green
12	+350V Bus	red-blue
13	Elevated AC Heaters	yellow-red
14	Elevated AC Heaters	yellow-red
15	+75V DC Heaters	orange
16	Multi-Trace Sync.	white-black

Wires of 0.5mm² (AWG20) and greater are required due to current capabilities. A length of 50cm ensures free accessibility for the plug-in. All solder connections should be insulated with shrink sleeves. An additional PVC sleeve makes the cable more convenient.

NOTE: Keep in mind: The voltages carried by the wires are lethal!