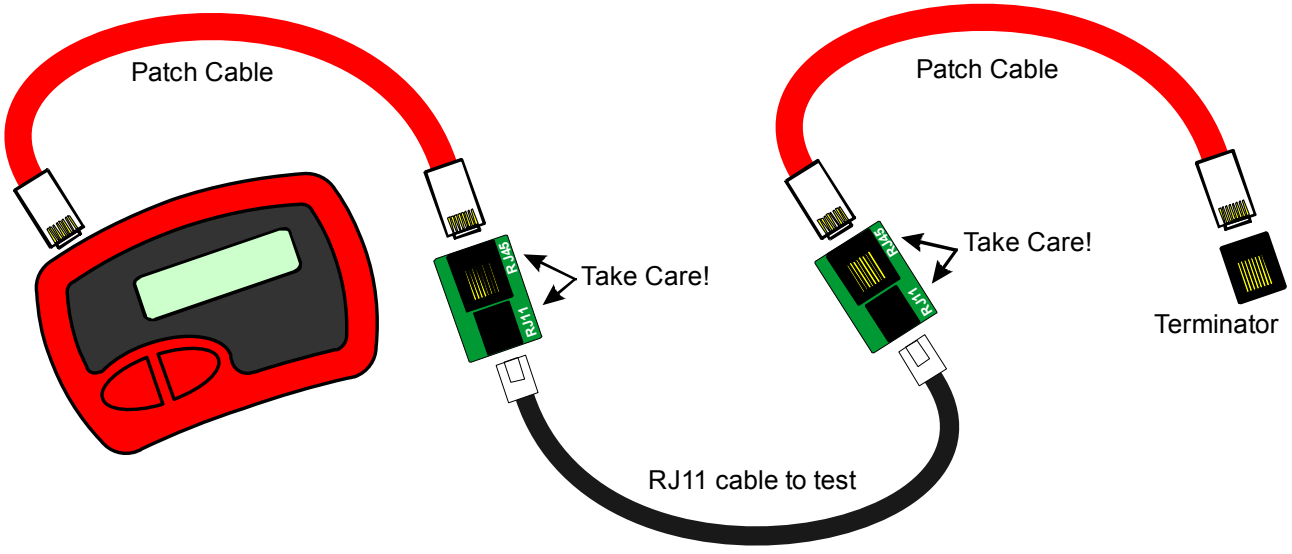
IMPORTANT
You <u>will</u> damage your instrument if you don't read this!

PEAK® electronic design ltd

The Peak RJ11-RJ45 adapter is essential for testing RJ11 style cables using the ***Atlas IT*** Network Cable Analyser (UTP05).

Severe damage will result from trying to plug RJ11 style connectors into your RJ45 socket.

RJ11 style connectors are often used for telecoms applications (such as telephones, modems and ADSL/Broadband routers). They are typically available in 2, 4 and 6 wire varieties.



It is common for RJ11 terminated cables to be wired in a mirrored format although straight-through connections are also in use.

The ***Atlas IT*** instrument will identify these different wiring configurations for you.

The ***Atlas IT*** is designed primarily for testing 8 pin RJ45 style connections. This adapter will utilise the 6 inner-most connections of the RJ45 connector, the outer 2 wires are not connected.

Example cable display patterns:

```
Term > 12345678
Atlas> x234567x
```

Straight-through 6 wire cable (note how outer 2 connections are empty because outer connections of the RJ45 socket are not used by the adapter).

```
Term > 12345678
Atlas> x765432x
```

Common mirrored 6 wire cable.

```
Term > 12345678
Atlas> xx6543xx
```

Common mirrored 4 wire cable.