

# P2176 Category 6 Modular Plug Terminating Instructions

**Step 1.**  
Slide the PVC boot onto the cable.



**Step 2.**  
Using a Cat5 Cable Stripper (Cat # T0033), strip approximately 20mm from the outer cable jacket.



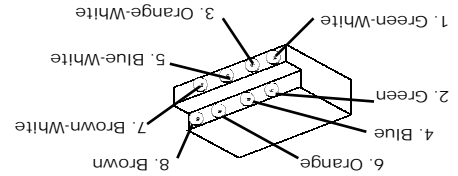
**Step 3.**  
Untwist the pairs and straighten each individual wire.



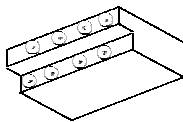
**Step 4.**  
Fan the wires into two horizontal rows and arrange into the correct colour sequence.



**T568A Wiring**  
Upper row: Green/Blue/Orange/Brown  
Lower row: Green-Wh/Orange-Wh/Blue-Wh/Brown-Wh



**Step 5.**  
Orient the polycarbonate load-bar as shown.



**Step 6.**  
Insert the cable into the load-bar and push the load-bar as close to the cable sheath as possible.



**Step 7.**  
Trim excess wires protruding through the load-bar.



**Step 8.**  
Keeping the load-bar in the same orientation, push the cable and load-bar into the plug body. Make sure that the load-bar is pushed up to the end of the plug body.



**Step 9.**  
Check that all wires are still right at the end of the load-bar.



**Step 10.**  
Using an 8P8C Modular Crimp Tool (Cat # T0019), crimp the cable to the plug.



**Step 11.**  
Check that the contacts have been successfully crimped to the conductors.



**Step 12.**  
Slide the boot over the plug to complete the assembly



**Step 13.**  
Using a Cat5 Test Set (Cat # T0045) check cable continuity and wiring sequence are both OK.

