

RJ45 Pass-Through Connectors and Cat6 Cable Spools

DT Workshop Equipment Reference — D&T / STEM resource for school workshops | Network & Infrastructure

RJ45 pass-through connectors let wires thread through the plug and get trimmed after crimping, making terminations easier and more reliable, while Cat6 cable spools supply the runs. Together they build clean, certified network leads.

Key Features

- Cat6 pass-through RJ45 plugs
- Wires-through design
- Cat5e/Cat6 spools 305 m
- Outer jacket ratings
- Sorting and connector boxes

Typical Uses in the Workshop

- Terminate new patch leads
- Repair damaged cable ends
- Run structured cabling in the lab
- Teach and practise termination

Safe Operation

1. Strip the jacket and untwist pairs
2. Thread each pair through the pass-through holes
3. Trim the conductors flush at the end
4. Crimp and test the plug
5. Label the finished cable

SAFETY NOTES

- Keep the trim blade away from fingers
- Do not crimp live cables
- Dispose of offcuts
- Keep the spool away from feet
- Store connectors dry

Maintenance & Consumables

- Keep plugs sorted by type
- Store spools upright and sealed
- Check the connector stock
- Keep the crimper with the kit
- Log the spool consumption

Specification & Buying Notes

Pass-through connectors cut termination errors for students. Buy Cat6 solid-core spools for runs and stranded for patch leads. Quality plugs click and hold.