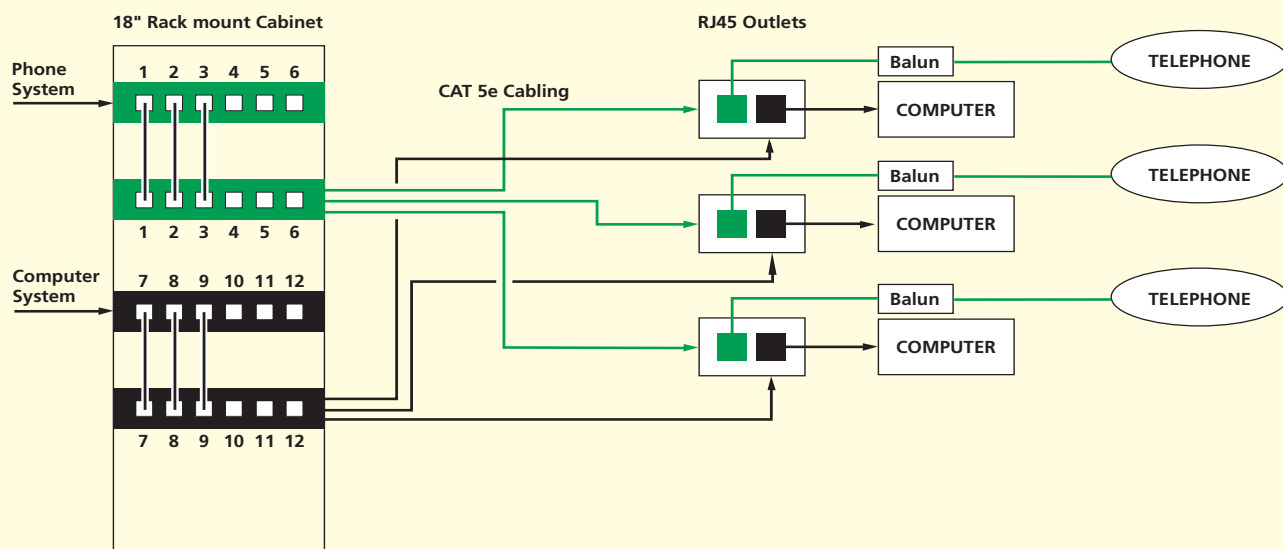


DATA PAK TYPICAL USE OF PATCH PANELS, PATCH LEADS & DATA OUTLETS



TELECOM MODULES

- Master voice module - BT 601 master
 - IDC connectors (Krone style)
 - Capacitor, lightning protection, resistor
- PABX voice module - IDC connectors
 - Capacitor, no lightning protection, (resistor optional)
- Secondary voice module - IDC connectors
- Master voice module (left handed) - BT 601 master
 - IDC connectors
 - Capacitor, lightning protection, resistor
 - Accepts left handed plug

BAND WIDTH/CAT

- Cat 4 - 20Mhz
- Cat 5 - 100Mhz
- Cat 5e - 160Mhz
- Cat 6 - 250Mhz
- Cat 6A - 500Mhz
- Cat7 - 600Mhz

NETWORK DATA SPEED

- 16Mbps
- 100Mbps
- 1Gbps
- 1Gbps
- 10Gbps
- > 10Gbps

DATA MODULES

- RJ45 Cat 5e - IDC connector blocks
 - Colour coding - socket/cable/patch panel
 - Tie wrap facility
 - Use as socket on ISDN system, multiple sockets "daisy-chained"
- ISDN Terminated (blue shutter) - RJ45 socket with 100 ohm resistor between pins 4 & 5 and one between pins 3 & 6
 - Ratio 8:1 use
- RJ11/12 - classified as data outlet, but used as telecom socket in Eire & USA
 - No capacitor accepts 6p6c plug (RJ12) and 6p4c plug (RJ11)

MEDIA MODULES AND ACCESSORIES

- Triplex unit - TV/SAT/FM splitter. One cable in, carrying combined signals, splits signal back into 3 parts. Each socket is screened, reducing susceptibility to noise distortion thus improving picture reception. 50mm x 50mm (double mod size)
- Quad plexer unit - TV/FM/SAT 1/SAT 2. One cable in carrying combined signals, splits back into 3 parts.
 - SAT 2 has a separate satellite output, for use with sky + and more complex installations.
 - Each socket is screened, reducing susceptibility to noise disturbance thus improving picture reception. 50mm x 50mm (double med size).
- USB unit - Dual USB 2 x 1A 5V - Accept 3 x 2.5mm² in the power terminals
- TV return - Screened TV module, used in conjunction with a distribution amplifier to distribute signals to other rooms
- BNC (female) - Accepts BNC male plug, 50 ohm or 70 ohm, as found on co-axial data systems (RG58, Ethernet) and CCTV installations