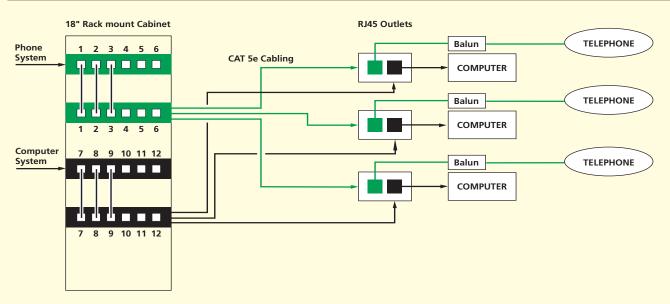
DATAPAK TYPICAL USE OF PATCH PANELS, PATCH LEADS & DATA OUTLETS



| | TELECOM MODULES | BAND WI | DTH/CAT | NETWORK DATA SPEED |
|----------|---|----------|---------|--------------------|
| 1 | Master voice module - BT 601 master | Cat 4 - | 20Mhz | 16Mbps |
| | IDC connectors (Krone style) Capacitor, lightning protection, resistor | Cat 5 - | 100Mhz | 100Mbps |
| 2 | PABX voice module - IDC connectors | Cat 5e - | 160Mhz | 1Gbps |
| | Capacitor, no lightning protection, (resistor optional) | Cat 6 - | 250Mhz | 1Gbps |
| 2 | Secondary voice module - IDC connectors | Cat 6A - | 500Mhz | 10Gbps |
| | Master voice module (left handed) - BT 601 master IDC connectors | Cat7 - | 600Mhz | > 10Gbps |
| <u> </u> | Capacitor, lightning protection, resistor | | | |

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 2.5mm^2 in the power terminals | | | | |
| TV return - Screened TV module, used in conjunction with a distribution | | | | |

Accepts left handed plug

amplifier to distribute signals to other rooms

BNC (female) - Accepts BNC male plug, 50 ohm or 70 ohm, as found on coaxial data systems (RG58, Ethernet) and CCTV installations

Crabtree

TECHNICAL SPECIFICATION DATAPAK MODULES