

# Patch Panels



## Standard and Customised Solutions

### PRODUCT FEATURES

- Customised
- Wall-, floor-, combiner- and 19" rackmounted
- For FM, DAB, VHF and UHF
- Easy-switched links



### PRODUCT PROFILE

Patch panels are used to switch the signal flow between different transmitters, antenna halves and station loads. Exir Broadcasting offers patch panels with various numbers of ports, and in most types and dimensions. A number of standard models are available as listed below, but normally units are unique and designed according to customer specifications. The panels are constructed with sturdy frames for mounting either on the floor, on combiner units, on the wall or in a 19" rack. Available with directional couplers and micro switch (interlock).

### TYPICAL PERFORMANCE OF PATCH PANEL

|                              |   |
|------------------------------|---|
| <b>POWER RATING</b>          | As per our power rating diagram (see Rigid Line)  |
| <b>IMPEDANCE</b>             | 50 Ohm  |
| <b>VSWR</b>                  | <1.05 (<32 dB)  |
| <b>INSERTION LOSS</b>        | <0.1 dB   |
| <b>ISOLATION, ANY PORT</b>   | >70 dB  |
| <b>OPERATING TEMPERATURE</b> | -10 °C to 50 °C   |
| <b>CONFIGURATION</b>         | Manually operated patch panel. Contains U-link, connecting kits (incl. clamps).   |
| <b>INTERLOCKS</b>            | 1 - 4 x micro switches/u-link (up to 10 on request). Micro switches wired to a terminal block fixed on the backside of the panel. |

### U-LINK PATCH PANELS. All versions are available with interlocking on request. Customised versions on request.

| ARTICLE        | DIMENSION       | PORTS    | FRAME / RACK     | FREQUENCIES  |
|----------------|-----------------|----------|------------------|--------------|
| ULI4-078R-AA00 | 7/8" unflange   | 3-ports  | Frame mounted    | 0 - 1000 MHz |
| ULI4-R158-AB00 | 1 5/8" unflange | 3-ports  | Frame mounted    | 0 - 1000 MHz |
| ULI4-158R-AD00 | 1 5/8" unflange | 3-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-158R-AE00 | 1 5/8" unflange | 4-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-158R-AC00 | 1 5/8" unflange | 6-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI0-158R-AB00 | 1 5/8" unflange | 11-ports | 19" rack mounted | 0 - 1000 MHz |
| ULI4-R318-AB00 | 3 1/8" unflange | 3-ports  | Frame mounted    | 0 - 1000 MHz |
| ULI4-318R-AA00 | 3 1/8" unflange | 3-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-318R-AC00 | 3 1/8" unflange | 4-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-318R-AD00 | 3 1/8" unflange | 6-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-318R-AE00 | 3 1/8" unflange | 7-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI0-318R-AB00 | 3 1/8" unflange | 13-ports | 19" rack mounted | 0 - 1000 MHz |
| ULI4-412R-AB00 | 4 1/2" unflange | 3-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-412R-AA00 | 4 1/2" unflange | 4-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AD00 | RL98 unflange   | 3-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AB00 | RL98 unflange   | 4-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AE00 | RL98 unflange   | 5-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AC00 | RL98 unflange   | 6-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AH00 | RL98 unflange   | 7-ports  | 19" rack mounted | 0 - 1000 MHz |
| ULI4-098R-AG00 | RL98 unflange   | 7-ports  | 27" rack mounted | 0 - 1000 MHz |
| ULI4-120R-AA00 | NAX120 unflange | 3-ports  | 19" rack mounted | 0 - 862 MHz  |
| ULI4-618R-AA00 | 6 1/8" unflange | 6-ports  | Frame mount      | 0 - 600 MHz  |