

# 909 ACCESSORIES

## REJECTION FILTER ADJUSTABLE TO A UHF



Code : **9090026**

Model : **FR-423**

### Description

Band or channel rejection filters for terrestrial TV. The channel rejection filters reject a single channel in the working band of the filter. The installer can adjust the rejected channel by means of a frequency control.

### Applications

Band rejection filters are used to eliminate a frequency band which produces interference in the TV installation. Channel rejection filters are used to eliminate a channel which produces interference, normally because its level is excessive. Characteristics Shielded zamak chassis. Female input and output F connectors.

| CODE                              | 9090023  |               |                        | 9090022      |                        | 9090026              |
|-----------------------------------|----------|---------------|------------------------|--------------|------------------------|----------------------|
| MODEL                             | RB-008   |               |                        | RB-208       |                        | FR-423               |
| Connection                        | F female |               |                        |              |                        |                      |
| Frequency range                   | Band     | CB            | VHF / UHF              | FM           | VHF / UHF              | UHF                  |
|                                   | MHz      | 0 - 30        | 41 - 862               | 87.5 - 108.0 | 41 - 862               | 470 - 862            |
| Band rejection                    | dB       | >40           | -                      | >40          | -                      | -                    |
| Channel rejection                 | dB       |               |                        |              |                        | 18 ±6,0              |
| Insertion loss                    | dB       | -             | 0,3 ±0,2               | -            | 0,3 ±0,2               | 0,5 ±0,2             |
| Flatness response                 | dB       | -             | ±0,3<br>±0,1 (7/8 MHz) | -            | ±0,3<br>±0,1 (7/8 MHz) | ±0,3<br>±0,1 (8 MHz) |
| Return loss I/O                   | dB       | >10           |                        |              |                        |                      |
| Chroma-luminance delay            | ns       | <1            |                        |              |                        |                      |
| DC path                           | mA       | -             |                        |              | 500                    |                      |
| Operating temperature             | °C       | -10..+65      |                        |              |                        |                      |
| Room temperature with/without fan | °C       | -10..+55/+45  |                        |              |                        |                      |
| Protection index                  |          | IP 20         |                        |              |                        |                      |
| Units per packing                 |          | 1             |                        |              |                        |                      |
| Packing weight                    | Kg       | 0.02          |                        |              |                        |                      |
| Packing dimensions                | mm       | 15 x 80 x 100 |                        |              |                        |                      |