

GSM-R PROTECTION PASSIVE FILTER 876 ~ 925 MHz

PROTECTION AGAINST GSM & UMTS INTERFERENCE
PASS BAND 49 MHz



Key features



The **GSM-R mobile station protection passive** filter the RX signal between the antenna on the train roof and the entrance to the Mobile Station to avoid intermodulation in the receiver.

The **filter** can be used with or without duplexes (optional) and easily integrated into an existing train-boarding facility.

Advantages

- ☑ Reliability enhancement of ertms network
- ☑ Low insertion loss
- ☑ Compact and lightweight
- ☑ Adaptable in existing installation

Specifications

Filter characteristics

Reference	603 232	603233
Center frequency	900.5 MHz	
Frequency range	876 ~ 925 MHz	
Pass band	49 MHz	
Ripple in Bandwith	≤ 2.2 dB	≤ 2.1 dB
Insertion loss in bandwidth	≤ 2.5 dB	≤ 2.4 dB
Rejection	30 dB@926~960 MHz	
Insertion loss	≤ 20 dB	
Impedance	50 Ω	
Connectors	N-Type female	

Mechanical characteristics

Dimensions LxH	400 mm X 138 mm	
Temperature in operation	0°C ~ + 45°	-10°C ~ + 60°

Electrical characteristics

Max consumption	20 W
------------------------	-------------

More informations : www.see-critical.com