

ALL in ONE DATA LINK SOLUTION



Duplexer



IN-SNEC

This filter combines a lower band transmission signal and a upper band reception signal.

Thanks to its very strong insulation, high accuracy reception systems and transmission powers up to 20 Watts could be used.

Its compactness, its lightweight and its robustness make it ideal for integration as well in fixed systems as in vehicles with little available space and harsh environment like target drone, unmanned vehicle, light aircraft, terrestrial vehicles,...

Applications

- Telemetry from aircraft, ground vehicles or fixed systems
- Video link or data transmission in S-band

Main features & benefits

- High ruggedness
- Excellent RF shield
- Wide temperature range
- Low losses
- Low dimensions

S-band Duplexer

Electrical specifications

◆ Upper band frequency	2500 - 2600 MHz
◆ Lower band frequency	2255 - 2355 MHz
◆ Inter channel insulation	75 dB
◆ Insertion losses	0.7 dB

Mechanical characteristics

◆ Dimensions	4.72 x 3.34 x 1.96" (120 x 85 x 50 mm)
◆ Weight	1.65 lb (750 g)
◆ Vibrations	20HZ to 20000Hz 3g eff

Environmental conditions

Operating conditions

◆ Temperature range	-20°C to +65 °C
◆ Relative humidity	35% to 95% non condensing

Non operating conditions

◆ Temperature range	-40°C to +80 °C
◆ Relative humidity	35% to 95% non condensing

Ordering information

■ Model reference

Duplexeur

SM517957



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