



GSM-R DUPLEXER

876 ÷ 960 MHz

T06210945

POLOMARCONI.IT



POLOMARCONI offers a very wide range of wireless products. Our products can be tailored according to the customer's need.

RAILWAYS AND
TRANSPORT

Electrical Specifications

Impedance (Ω)	50
Isolation (dB)	≥ 70
Maximum power (W)	40
Operation Temp. Range ($^{\circ}\text{C}$)	$-40^{\circ} \div +70^{\circ}$

UP-LINK (TX) SECTION

Frequency range (MHz)	876 ÷ 960
UIC Band (MHz)	876 ÷ 880
Insertion loss (dB)	
whole band	≤ 1.3
UIC Band	≤ 2
Return loss (dB)	≥ 18
Rejection (dB) of the RX section	≥ 70

DOWN-LINK (RX) SECTION

Frequency range (MHz)	921 ÷ 960
Insertion loss (dB)	≤ 2.2
Return loss (dB)	≥ 18
Rejection (dB) of the TX section	≥ 60

Mechanical Specifications

Type of connection	SMA female
Dimensions (mm)	272x51x95,5
Weight (kg)	2.2
Body material	Aluminium alloy
Finishing	Silver plating
Mounting	on metallic surface (600x600 mm minimum)
Vibrations	CEI EN61373 cat.1 class B
Salt spray	CEI EN50155

Shipment Specifications

Packing	cardboard box
Dimensions (mm)	350x300x250
Weight (kg)	3.3

