



## Description

XF 4045A duplexer is a 6-resonators duplexer designed primarily for UIC railway communication. The duplexer is temperature compensated and operates at broad temperature range.

## Technical Specifications

Parameter	Value	Units
Frequency range (LOW)	456.8 ÷ 458.8	MHz
Frequency range (HIGH)	466.8 ÷ 468.8	MHz
Insertion loss	1.5	dB
Stopband attenuation	70	dB
VSWR	< 1.35	
Maximum input power	22	W
Impedance	50	$\Omega$
Operating temperature	-25 ÷ +75	$^{\circ}\text{C}$
Storage temperature	-40 ÷ +75	$^{\circ}\text{C}$
Dimensions w × h × d	154 × 68 × 27	mm
Weight	0.4	kg
Connectors type	SMA female	

## Test Specifications

Produced according the Standard	EN 50 155
Shock and vibration tests according the Standard	EN 61 373

## Outline Dimensions



