

Impedance Converters

Features

- * High RFI Shielding
- * Low Loss
- * Excellent Return Loss



Specifications

Items

Introduction

This impedance converter series can be used for transforming 50 Ohm to 75 Ohm or 75 Ohm to 50 Ohm to application in RF measurement.

Model	Pass Band	Loss	Connector 1	Connector 2
ID1-112515-03	5 - 1500 MHz	1 dB	SMA, Male	F, Male
ID1-112514-03	5 - 1500 MHz	1 dB	SMA, Male	F, Female
ID1-112414-03	5 - 1500 MHz	1 dB	SMA, Female	F, Female
ID1-112415-03	5 - 1500 MHz	1 dB	SMA, Female	F, Male
ID1-362515-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Male
ID1-362514-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Female
ID1-362414-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Female
ID1-362415-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Male
ID1-362314-02	9 kHz - 3000 MHz	6 dB	N, Male	F, Female



Intégration et Développement

ID1-362214-02	9 kHz - 3000 MHz	6 dB	N, Female	F, Female
ID1-362316-02	9 kHz - 3000 MHz	6 dB	N, Male	N, Female
ID1-112316-03	5 - 1500 MHz	1 dB	N, Male	N, Female
ID1-112314-03	5 - 1500 MHz	1 dB	N, Male	F, Female
ID2-112514-01	5 - 1500 MHz	1 dB	SMA, Male	F, Female
ID2-112414-01	5 - 1500 MHz	1 dB	SMA, Female	F, Female
ID2-362514-02	9 kHz - 3000 MHz	6 dB	SMA, Male	F, Female
ID2-362414-02	9 kHz - 3000 MHz	6 dB	SMA, Female	F, Female

* ID1 = Standard Size ID2 = Mini Size

* Connector 1 : 50 Ohm Connector 2 : 75 Ohm

Item	ID1-362414-02	ID2-112514-01
Connector 1 Impedance	50 Ohm, type-SMA Female	50 Ohm, type-SMA Male
Connector 2 Impedance	75 Ohm, type-F Female	75 Ohm, type-F Female
Frequency Range	9 kHz - 3000 MHz	5 - 1500 MHz
Insertion Loss	5.5dB (typ) / 6.0dB (max)	0.5dB (typ) / 0.8dB (max)
Return Loss	25 dB(min) / 30 dB(typ) (@ 9 kHz - 2000 MHz)	20 dB(min) / 22 dB(typ) (@ 5 - 100 MHz)
Return Loss	23 dB(min) / 27 dB(typ) (@ 2001 - 3000 MHz)	23 dB(min) / 26 dB(typ) (@ 101 - 1500 MHz)
Dimensions	20.5(ϕ) x 62(L) mm	12.5(ϕ) x 46.7(L) mm
Net Weight	45.4 g	17.5 g

* Specifications are subject to change without notice.