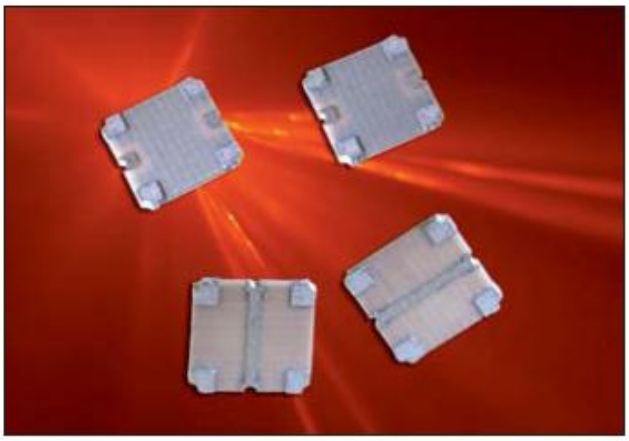
MLO™ Crossovers X2A Series



Scan Code for Datasheet

Code Coming Soon

Or visit: www.avx.com

Basic Overview

AVX crossovers are miniature, low profile devices that allow designers to avoid the use of PCB vias or coaxial jumper cables when DC supply voltage lines must cross one another or cross over RF signal lines.They are manufactured using MLO technology which matches the CTE of PCB material and provides low loss across a wide RF spectrum.

Positioning

Using AVX's patented MLO technology, Crossovers provide the ability to build complex RF designs, while significantly reducing crosstalk between RF and DC lines.

Applications

- RF Power Amplifiers
- Transceivers
- Satellites
- Radar

Top Selling Points

- PCB design simplification
- Ease of implementation
- Low Profile
- Low Loss

Unique Features

- RF-DC Crossover
- High Isolation
- Frequency Range: 2.5GHz-6.0GHz
- Surface Mountable
- Temperature Range: -55°C to +85°C

1 AVX Blvd. Fountain Inn, SC –USA (864)-967-2150

MLO™ Crossovers X2A Series

How to Order

X2A	2020	RFDC	T
Series	Size	Type	Packaging

T = 2000pcs T&R
T/250 = 250pcs T&R
B = Bulk

RoHS COMPLIANT

Series Cross

AVX	Competitor	Competitor Series
X2A	ANAREN	X2A
		X2AS
	FL LABS	XPD
		XPDF
X2B	ANAREN	X2B
		X2BS
	FL LABS	XPMRF
		XPRF

FAQ's

Q: Where do I use a RF crossover and what are its advantages?
A: RF crossovers are commonly used in intermediate power amplifiers as an alternative to coax jumper cables and vias. RF crossovers can offer a low consistent loss across frequency and fast simple implementation (rather than the PCB adding an extra layer for RF signals).

Q: What frequencies do AVX crossovers operate within?
A:DC to 6.0 GHz

Q: What power levels can AVX RF Crossovers be used to?
A: Up to 30W

Q: Is there a cross reference to competitors? If so how and who do we compare?
A: A cross reference is available and primary competitors are Anaren and Florida labs. AVX crossovers are all RoHS and in some cases provide lower insertion loss and return loss than competing devices.

Q: How can I get further data, samples and pricing?
A: Please email Larry Eisenberger at Larry.Eisenberger@avx.com, or call at 864-947-9304.

Contact Information

North America

Larry Eisenberger
Sr. Marketing Applications Engineer
TEL: +1 (864) 967-9304
Email: Larry.Eisenberger@avx.com

Europe

Neil Smyth
Product Marketing Manager
TEL: +44 28703 40423
Email: smythn@flt.avxeur.com

Asia

Patricia Tan
Product Marketing Manager
TEL: +65 6286 7555
Email: patricia.tan@avx.com