

COMING SOON



# Valpey Fisher Corporation

MICROWAVE PRODUCTS GROUP

## VFVA500 Series Voltage Variable Attenuators

Part #	Application	Freq (MHz)	IL (dB)	ATTEN (DB)	VSWR (:1)	IIP3 (dB)	Broadband Freq Range (MHz)	IL (dB)	ATTEN (dB)
VFVA500-200	LTE 700	698-798	1.0 Typ	19-21 @ 4.7V 25 MIN @ 5V	1.1 Typ	45 Typ	600-900	1.5 Max	23 min @ 5V
VFVA501-200	GSM / WCDMA Bands 5,6,7,8	824-960					700-1100		
VFVA502-200	AWS/ PCS / DCS	1710-1990					1500-2200		
VFVA503-200	UMTS / AWS	1920-2170					1800-2400		
VFVA504-200	LTE / WiMax	2305-2690					2000-3000		
VFVA505-200	WiMax / 3.5 FWA	3300-3800					3000-4000		

✓ Fully integrated solution

✓ High IIP3 Design

✓ Small 3.2 x 4.9 mm MCM package

✓ 5V tuning range

✓ Very repeatable attenuation profile

✓ Lead (Pb)-free and RoHS compliant



## VFHY100 Series 90 Degree Hybrids

Part #	Freq (MHz)	IL (dB)	Isolation (dB)	Phase Balance (Degrees)	Amplitude Balance (dB)	VSWR (:1)	Broadband Freq (MHz) ±1 dB Balance
VFHY100-010	698-798	0.25 Typ	30 Typ	±1.0	±0.5	1.1 Typ	650-850
VFHY101-010	820-900						750-950
VFHY102-010	880-960						800-1050
VFHY103-010	1710-1880						1600-2000
VFHY104-010	1850-1990						1700-2200
VFHY105-010	2110-2170						1900-2400
VFHY106-010	2400-2700						2200-2900
VFHY107-010	3300-3800						3000-4000

✓ Highly repeatable monolithic design

✓ Very low insertion loss

✓ Miniature 1.5 x 2.0 mm package

✓ Excellent phase & amplitude balance

✓ High isolation / Low VSWR

✓ Lead (Pb)-free and RoHS compliant