

# Diplexer

## Connectorized

ZPLX-EDU1400+

**Important Note**

This model has been designed, built and tested in our engineering department. Performance data represents model capability.  
At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.

Please click "Back", and then click "Contact Us" for Applications support.

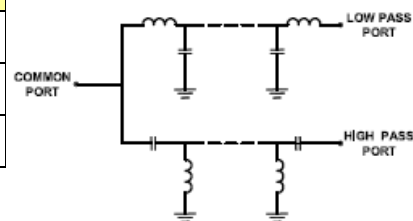


CASE STYLE : FL905

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter	Port	Frequency (MHz)	Min.	Typ.	Max.	Units
Passband	Insertion Loss	Lowpass	10	0.7	1.2	dB
		Highpass	50-90	0.4	1.2	dB
			950-1800	0.2	1	dB
			1800-2150	0.3	1	dB
	Return Loss	Lowpass	10	17	22	dB
		Highpass	50-90	17	25	dB
			950-2150	17	25	dB
		Common	10	17	25	dB
			50-90	17	25	dB
			950-2150	17	25	dB
Stop band isolation	Lowpass	50-90	45	60		dB
		950-2150	40	55		dB
	Highpass	10	45	60		dB
Crossover isolation	Lowpass to Highpass	10-50	25	50		dB

Functional Schematic

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
RF Power Input	100mW



PORT CONNECTIONS	
Highpass port	SMA ( F )
Lowpass port	SMA ( F )
Common port	SMA ( F )