Engineering Development Model

Bias-Tee Coaxial

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.

ZFBT-4R2G-17+



CASE STYLE : K18

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter	Condition	Min.	Тур.	Max.	Units	
Frequency	-	10		4200	MHz	
Insertion Loss*	10-100 MHz	-	0.15	0.6	dB	
	100-2100 MHz	-	0.6	1.2	dB	
	2100-4200 MHz	-	0.6	1.6	dB	
VSWR**	10-100 MHz	-	1.06	1.2	:1	
	100-2100 MHz	-	1.13	1.3	:1	
	2100-4200 MHz	-	1.13	1.3	:1	
Isolation* RF to DC Port, RF&DC to DC Port	10-100 MHz	20	32	-	dB	
	100-2100 MHz	20	40	-	dB	
	2100-4200 MHz	20	50	-	dB	

* Insertion Loss and Isolation are guaranteed up to 20 dBm-RF power and 200mA DC current. **VSWR measured with open and short at DC port.

MAXIMUM RATINGS			
Operating Temperature	-55°C to 100°C		
Storage Temperature	-55°C to 100°C		
Max RF Power	1 W		
Max Voltage at DC port	30 V		
Max input current	500 mA		
DC resistance from DC to RF & DC Port	4.5 Ω typ.		

Permanent damage may occur if any of these limits are exceeded.

Case style size

COAXIAL CONNECTIONS			
RF	1 (SMA Female)		
RF & DC	2 (SMA Female)		
DC	3 (SMA Female)		

Electrical Schematic



+RoHS Compliant

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications



1.25" X 1.25" X 0.75"

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