

tic-tech DC-K3050 series of stripline directional coupler offers full coupling characteristic in the determination of important parameters relating to high isolation, accurate monitoring of forward or reflected power with minimal perturbation to the main signal line and ensuring co-efficient coupling flatness and directivity. The DC-K3050 series is ideal for both indoor & outdoor applications and conforms to IP65 specification.



Model	DC-K3050/CV6	DC-K3050/CV10	DC-K3050/CV15	DC-K3050/CV20	DC-K3050/CV30
Type	Directional Coupler				
Coupling Value	-6dB	-10dB	- 15dB	-20dB	-30dB
Frequency	300 - 500MHz	300 - 500MHz	300 - 500MHz	300 - 500MHz	300 - 500MHz
VSWR	1.2:1	1.2:1	1.2:1	1.2:1	1.2:1
Coupling Thru-Line Loss	<1.7dB	<0.8dB	<0.4dB	<0.3dB	<0.25dB
Isolation	20dB Min.	20dB Min.	20dB Min.	20dB Min.	20dB Min.
Impedance	50 ohms	50 ohms	50 ohms	50 ohms	50 ohms
Input Power	200 watt	200 watt	200 watt	200 watt	200 watt
Operating Temperature	-30°C ~ +60°C	-30°C ~ +60°C	-30°C ~ +60°C	-30°C ~ +60°C	-30°C ~ +60°C
Dimension (incl. Conn)	L 178 x W 55 x H 24 mm				
Weight	Approx. 0.40 KG				