

40GHz Directional Couplers

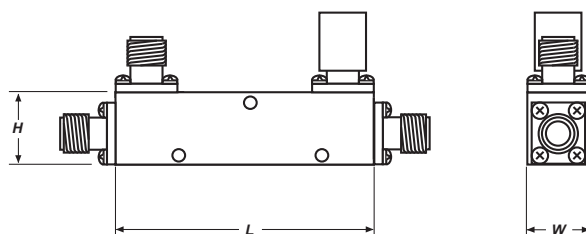
- 1.0 - 40.0GHz
- High Directivity
- Low Insertion Loss
- Low VSWR
- Good Coupling Accuracy
- RoHS Compliant



General Specifications

Impedance	50 ohms
Operating Temperature	-55 to +85C
Connectors	2.92mm Female Stainless Steel
Housing	Aluminium
Body Finish	Paint

Model No	Frequency Range (GHz)	Coupling (dB) Nominal	Coupling Accuracy (+/- dB) max.	Flatness (+/- dB) max.	Insertion Loss (dB) max.	Directivity (dB) min.	VSWR max.	Input Power (Watts) CW	Size (L x W x H) mm
AKC-010400-10	1.0-40.0	10	1.0	1.0	2.5	10	1.8	30	84 x 11 x 15
AKC-010400-20	1.0-40.0	20	1.0	1.0	2.0	10	1.5	30	84 x 11 x 15
AKC-010400-30	1.0-40.0	30	1.0	1.0	1.8	10	1.5	30	84 x 11 x 15
AKC-020400-10	2.0-40.0	10	1.0	1.0	2.2	10	1.8	30	48 x 11 x 15
AKC-020400-20	2.0-40.0	20	1.0	1.0	2.0	10	1.5	30	48 x 11 x 15
AKC-020400-30	2.0-40.0	30	1.0	1.0	2.0	10	1.5	30	48 x 11 x 15
AKC-060400-10	6.0-40.0	10	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15
AKC-060400-20	6.0-40.0	20	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15
AKC-060400-30	6.0-40.0	30	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15
AKC-180400-10	18.0-40.0	10	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15
AKC-180400-20	18.0-40.0	20	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15
AKC-180400-30	18.0-40.0	30	1.0	1.0	1.6	10	1.6	30	28 x 11 x 15



Outline is a typical illustration only, for detailed outlines please consult factory

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.

Passive Components

Tel. +44 (0) 1376 550220 Fax. +44 (0) 1376 552145 Email: sales@atlantecrf.com www.atlantecrf.com
 40A Springwood Drive, Braintree, Essex CM7 2YN, England

