

Atlantic Microwave

A Division of ETL Systems

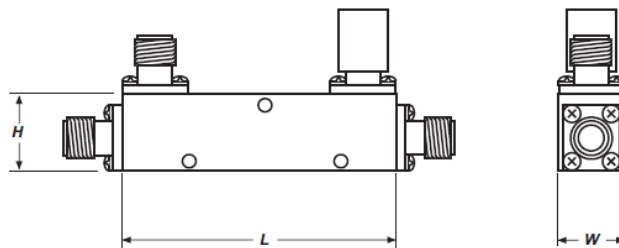
40GHz Directional Couplers

- 1.0-40.0GHz
- Input Power 30 W CW
- 10dB Directivity (min.)
- Low Insertion Loss
- Low VSWR
- Good Coupling Accuracy

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



Model Number	Former Model Number	Frequency Range (GHz)	Coupling (dB) Nominal	Coupling Accuracy (+/- dB) Max	Flatness (+/-dB) Max.	Insertion Loss (dB) Max.	VSWR Max.	Size (L x W x H) mm
CP10KX-438010-K5K5K5	AKC-010400-10	1 - 40	10	1.0	1.0	2.5	1.8	84 x 11 x 15
CP20KX-438010-K5K5K5	AKC-010400-20		20	1.0	1.0	2.0	1.5	84 x 11 x 15
CP30KX-438010-K5K5K5	AKC-010400-30		30	1.0	1.0	1.8	1.5	84 x 11 x 15
CP10KX-438097-K5K5K5	AKC-020400-10	2 - 40	10	1.0	1.0	2.2	1.8	48 x 11 x 15
CP20KX-438097-K5K5K5	AKC-020400-20		20	1.0	1.0	2.0	1.5	48 x 11 x 15
CP30KX-438097-K5K5K5	AKC-020400-30		30	1.0	1.0	1.5	1.5	48 x 11 x 15
CP10KX-438060-K5K5K5	AKC-180400-10	18 - 40	10	1.0	1.0	1.6	1.6	28 x 11 x 15
CP20KX-438060-K5K5K5	AKC-180400-20		20	1.0	1.0	1.6	1.6	28 x 11 x 15
CP30KX-438060-K5K5K5	AKC-180400-30		30	1.0	1.0	1.6	1.6	28 x 11 x 15



Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

