



MODELS 101040006 & 101040006K
101040010 & 101040010K
101040013 & 101040013K
101040020 & 101040020K
101040030 & 101040030K

1-40 GHz DIRECTIONAL COUPLER



SPECIFICATIONS

DIMENSIONS

FREQUENCY RANGE	1-40 GHz
COUPLING (with respect to output)	
Nominal 101040006 & 101040006K	6 ± 1.0 dB
Frequency Sensitivity	± 1.52 dB
Nominal 101040010 & 101040010K	10 ± 1.0 dB
101040013 & 101040013K	13 ± 1.0 dB
101040020 & 101040020K	20 ± 1.0 dB
101040030 & 101040030K	30 ± 1.8 dB
Frequency Sensitivity	± 1.2 dB
101040030 & 101040030K	± 1.5, 1-20 GHz ± 1.5, 20-40 GHz
DIRECTIVITY	> 14 dB, 1-20 GHz > 10 dB, 20-40 GHz
MAXIMUM VSWR (any port)	1.5, 1-20 GHz 1.7, 20-40 GHz
INSERTION LOSS (includes coupled power)	
101040006 & 101040006K	< 2.5 dB, 1-20 GHz < 3.5 dB, 20-40 GHz
101040010 & 101040010K	< 1.3 dB, 1-20 GHz < 2.0 dB, 20-40 GHz
101040013 & 101040013K	< 1.1 dB, 1-20 GHz < 1.8 dB, 20-40 GHz
101040020 & 101040020K	< 0.85 dB, 1-20 GHz < 1.5 dB, 20-40 GHz
101040030 & 101040030K	< 1.5 dB
POWER RATING (input)	
Average	20 W
Peak	3 KW
STANDARD CONNECTORS	
101040006/10/13/20/30	2.4 mm Female
101040006K/10K/13K/20K/30K	2.92 mm Female
WEIGHT (ounces)	1.3
OPERATING TEMPERATURE	-54° to +85° C

