

DIRECTIONAL COUPLER

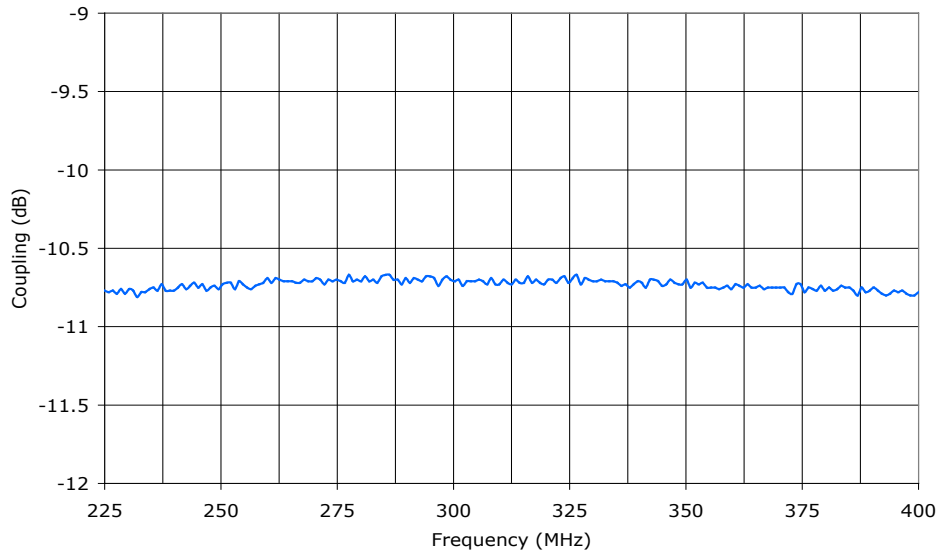
CONNECTORIZED MODEL: KBK-10-225

OPTIMIZED BANDWIDTH

225 - 400 MHz

FEATURES:

- ▶ Low Insertion Loss
- ▶ Excellent Coupling Flatness
- ▶ High Directivity



SPECIFICATIONS (Rev. B 05/21/12)

| | | |
|------------------------------------|------------------------|-----------|
| Frequency | 225 - 400 MHz | |
| Coupling | 10.5 dB ±1.0 dB (Nom.) | |
| Coupling Flatness | ±0.5 dB | |
| Mainline Loss | dB (Typ.) | dB (Max.) |
| | 0.6 | 0.7 |
| Directivity | dB (Typ.) | dB (Min.) |
| | 25 | 18 |
| Input Power | 50 Watts (CW) | |
| Output Impedance | 50 Ohms (Nom.) | |
| VSWR: | 1.3:1 (Typ.) | |
| Operating Temperature Range | -40 to +85 °C | |

| | |
|------------------|------|
| Package # | 110N |
|------------------|------|

| PORT CONFIGURATION | | |
|--------------------|--------|-------------|
| Input | Output | Fwd.Coupled |
| 1 | 2 | 3 |

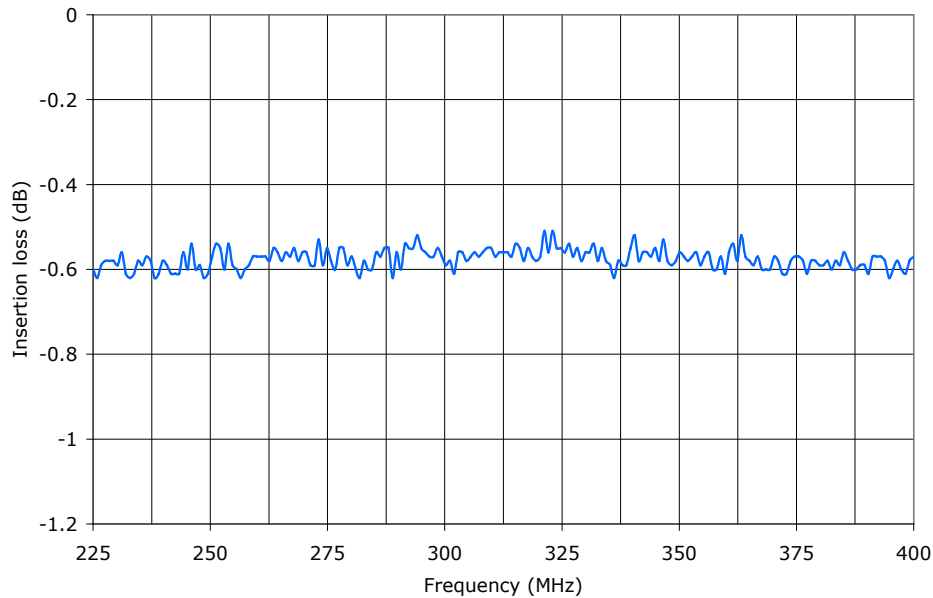
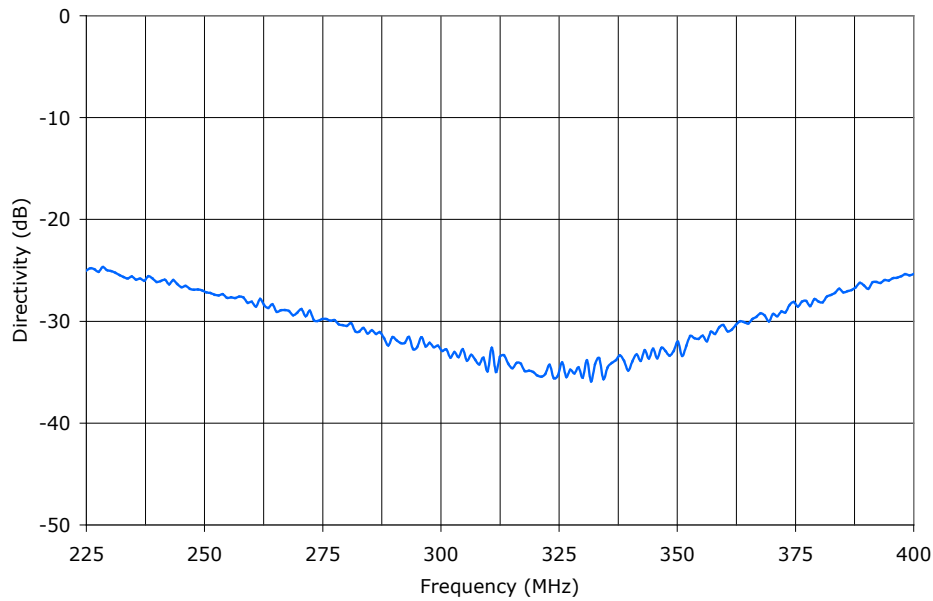
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PERFORMANCE PLOTS

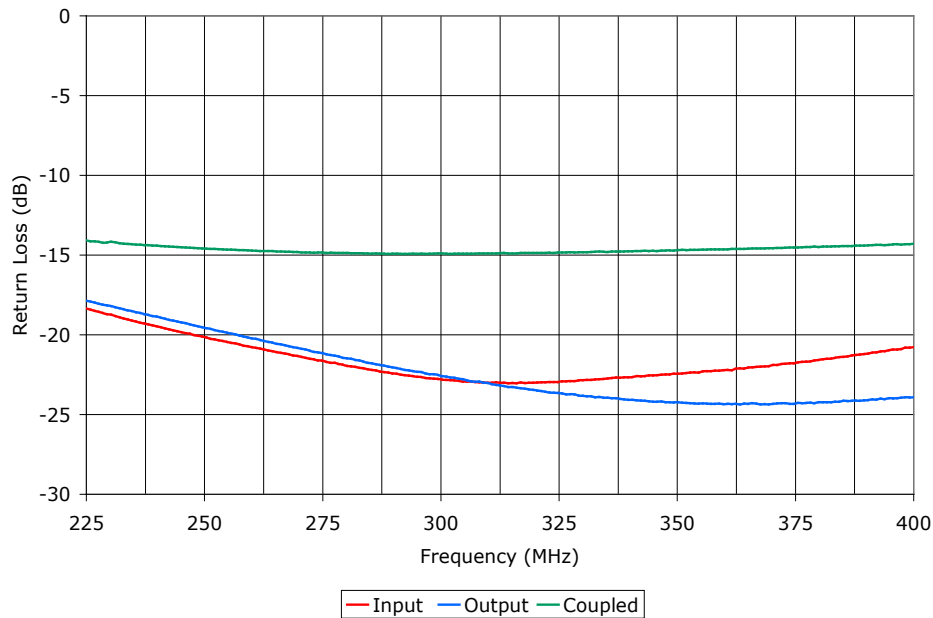


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