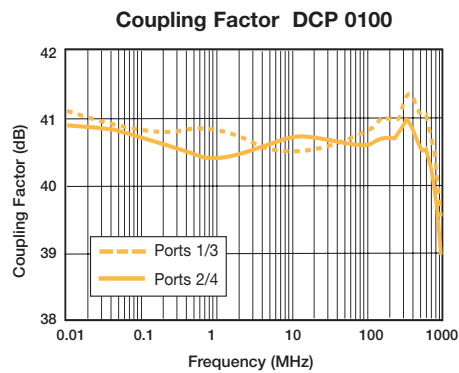
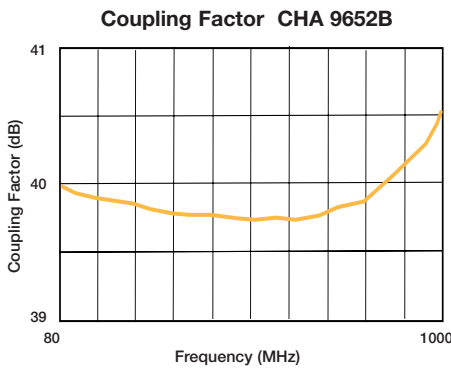
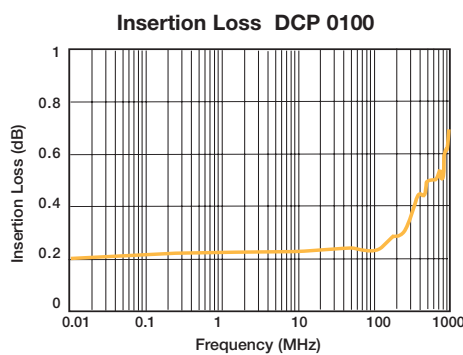
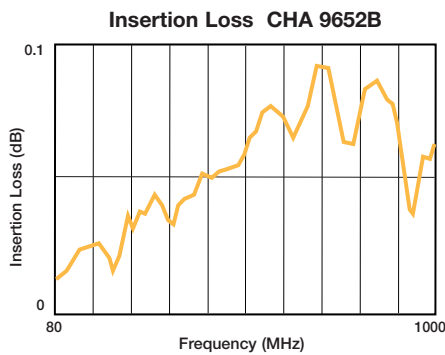


Directional Couplers

CHA 9652B / DCP 0100

- Wide frequency range
- High power handling

Radiated immunity systems require the accurate monitoring of forward and reflected power levels into antennas and other transducers. These high power dual directional coupler have been specifically designed for EMC immunity applications.



Glossary

UKAS Calibration option

Coupling Factor The ratio (in dB) of the power measured at the output port relative to that measured at the forward coupled port.

Insertion Loss The ratio (in dB) of the power measured at the output port relative to the input port.

Directivity The ratio (in dB) of the power measured at the reverse coupled port relative to that measured at the forward coupled port, when the output port is ideally terminated.

Flatness The peak to peak variation (in dB) in the coupling factor, over the frequency range.

Technical Specifications	DCP 0100	CHA 9652B	DCP 0100	CHA 9652B
Frequency range	10kHz - 1GHz	80MHz - 1GHz	0.8dB	0.2dB
Power handling (Max.)	100 Watt	200 Watts (cw)	N	N
Flatness	2.0dB	±2dB	0.5	0.3
Coupling factor (inc. flatness)	40dB (±1.5dB)	40dB (±2dB)	190 x 80 x 45	110 x 74 x 25
Directivity (typical)	>20dB	23dB		