

For Coverage Through 40 GHz

Attributes:

- Ultra-Broadband Performance
- Ultra-Low Insertion Loss
- Flat Frequency Response
- Excellent Return Loss Through 40 GHz
- Operating Temperature Range: -55°C to +125°C
- Unit-to-Unit Performance Repeatability
- Rugged Powdered Iron Core
- Gold Plated Leads

Part Number	Inductance (μH)	Operating Frequency Range	Insertion Loss**	Return Loss**	DC Resistance	Current Handling (DC max.)***
<u>ATC 506WLC110KG115B</u>	11 typ.	500 KHz* to 40 GHz	0.4 dB typ.	-18 dB typ.	7.0 Ω typ. @ 10 mA	115 mA dc, max.
<u>ATC 506WLC6R0KG200B</u>	6.0 typ.	880 KHz* to 40 GHz	0.6 dB typ.	-18 dB typ.	2.9 Ω typ. @ 10 mA	200 mA dc, max.
<u>ATC 506WLC2R2KG250B</u>	2.0 typ.	2.3 MHz* to 40 GHz	0.5 dB typ.	-17 dB typ.	1.45 Ω typ. @ 10 mA	250 mA dc, max.

*Lower -3 dB roll-off frequency **Shunt Mounted ***Current for 100 °C temperature rise