



NITROWAVE™ CABLE STABILITY DATA

MEASURING PHASE & AMPLITUDE CHANGE WITH FLEXURE

TEST METHOD:

4.5 in diameter mandrel
3 ft (0.914 m) cable length



CABLE CONSTRUCTION:

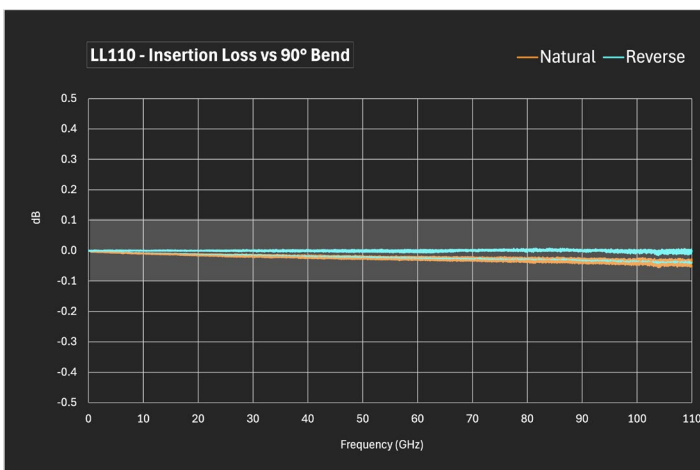
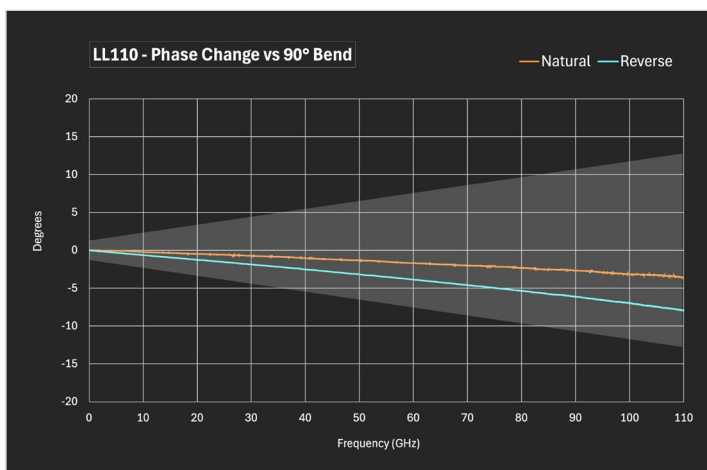
Flexible, solid center conductor & DPL



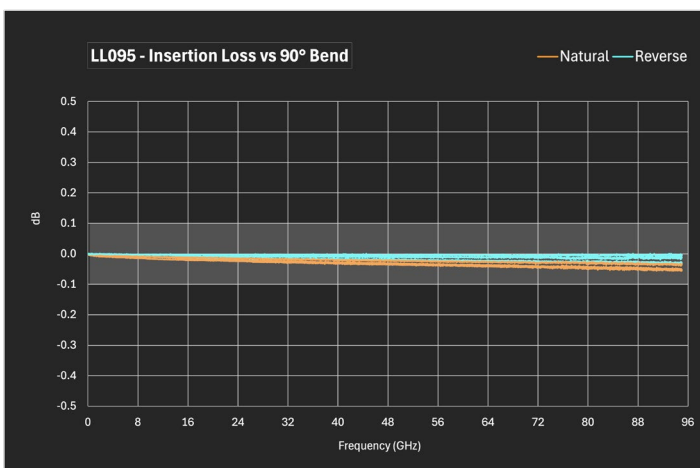
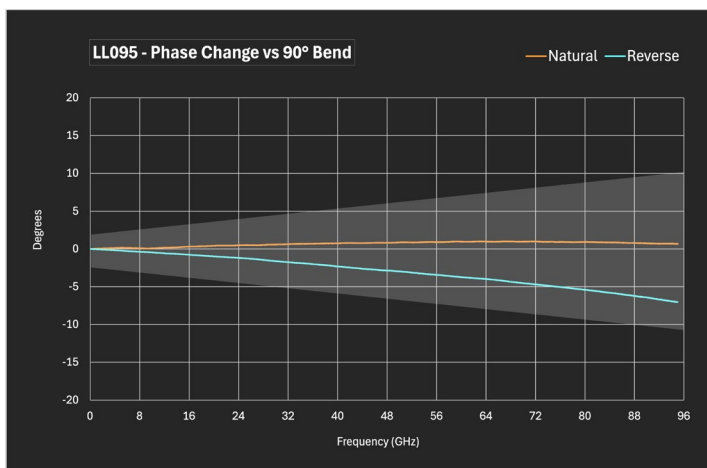
	LL032	LL043	LL071	LL095	LL110
Max Freq. (GHz)	32	43.5	71	95	110
Phase Stability with Flexure (+/-°)	10.0	5.0	5.0	10.0	12.5
Amplitude Stability with Flexure (+/-dB)	0.10	0.10	0.10	0.10	0.10

Values are representative. Reference test data for details.

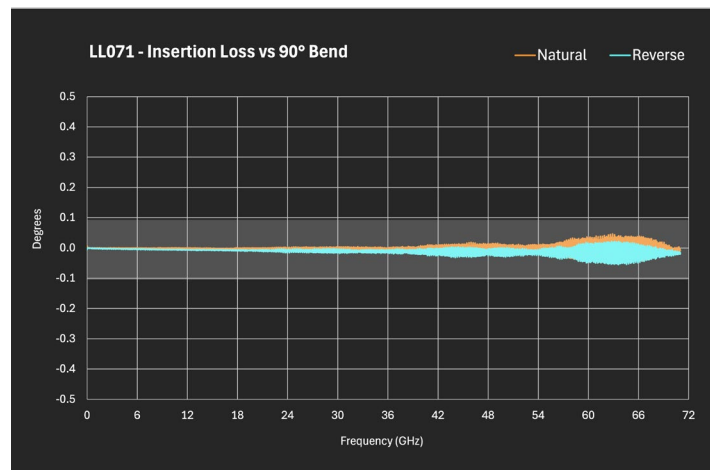
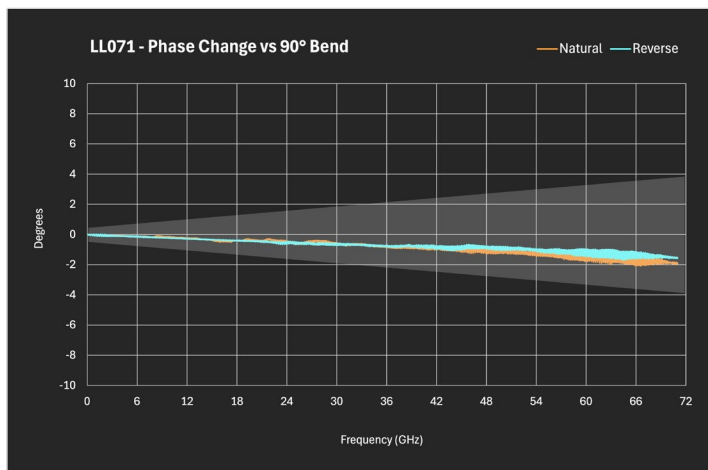
LL110 (110 GHz)



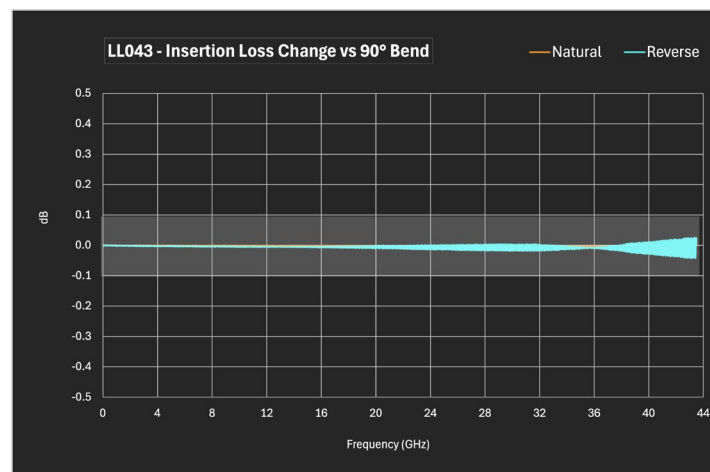
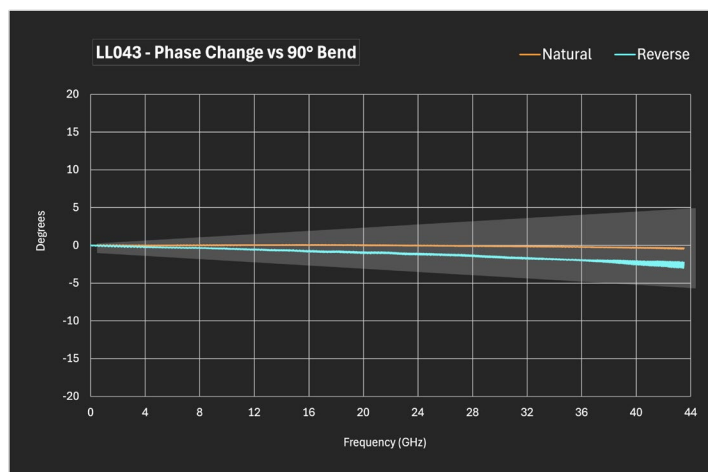
LL095 (95 GHz)



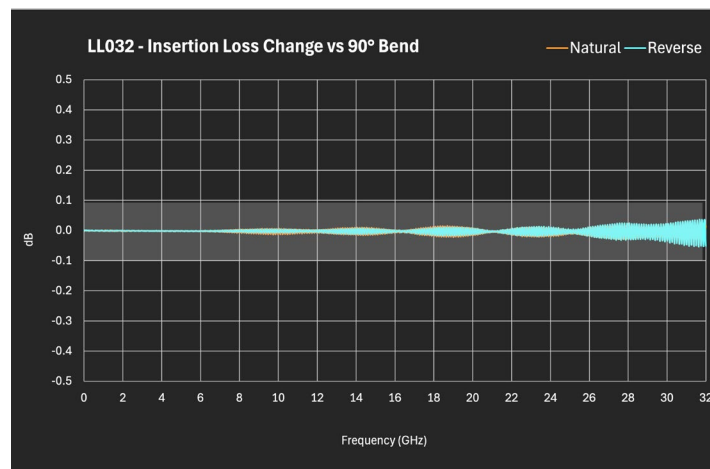
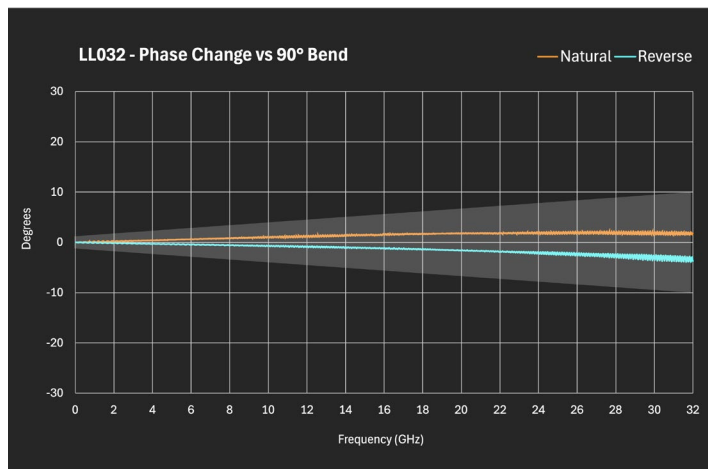
LL071 (71 GHz)



LL043 (43.5 GHz)



LL032 (32 GHz)



Please contact RFGroup@samtec.com for additional information.

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