

Parameter	Range/Limits
FEXT	
Frequency Range	1 - 100MHz (8100), 1 - 155MHz (8155), 1 - 300MHz (8600)
Dynamic Range	0 - NEXT Limit + 5dB
Freq. Step Size (kHz)	150, 250 (8100, 8155) 150, 250, 500 (8600)
Resolution	0.1dB
Accuracy	Level IIE (8100, 8600) Level III (8600)

ELFEXT	
Frequency Range	1 - 100MHz (8100), 1 - 155MHz (8155), 1 - 300MHz (8600)
Dynamic Range	0 - NEXT Limit + 5dB
Freq. Step Size (kHz)	150, 250 (8100, 8155) 150, 250, 500 (8600)
Resolution	0.1dB
Accuracy	Level IIE (8100, 8600) Level III (8600)

DC Loop Resistance	
Range	0 - 200 Ohms
Resolution	0.1 Ohms
Accuracy	+/- (1% + 2 Ω)

Parameter	Range/Limits
Length	
Range	0-1100 ft.
Resolution	0.0 ft (.3m)
Accuracy	3% + 3ft. (1m)
Propagation Rate (NVP)	0.5 - 0.99c
NEXT	
Frequency Range	1 - 100MHz (8100), 1 - 155MHz (8155), 1 - 300MHz (8600)
Dynamic Range	0 - NEXT Limit + 5dB
Freq. Step Size (kHz)	150, 250 (8100, 8155) 150, 250, 500 (8600)
Resolution	0.1dB
Accuracy	Level IIE (8100, 8600) Level III (8600)
Attenuation	
Frequency Range	1 - 100MHz (8100), 1 - 155MHz (8155), 1 - 300MHz (8600)
Dynamic Range	0 - NEXT Limit + 5dB
Freq. Step Size (kHz)	150, 250 (8100, 8155) 150, 250, 500 (8600)
Atten. Resolution	0.1dB
Atten. Accuracy	Level IIE (8100, 8600) Level III (8600)

Parameter	Range/Limits
Return Loss	
Frequency Range	1 - 155MHz (8100, 8155), 1 - 300MHz (8600)
Measurement Range	0 - 30 dB
Freq. Step Size (kHz)	150, 250 (8100, 8155) 150, 250, 500 (8600)
Resolution	0.1 dB
Accuracy	Level IIE (8100, 8600) Level III (8600)

Delay and Skew	
Range	0-8000ns
Resolution	1 nsec
Accuracy	±(3% + 1ns)

Impedance	
Range	35 - 180 Ω
Resolution	.2 Ω (8100) .3 Ω (8155) .1 Ω (8600)
Accuracy	+/- (3% + 1 Ω)

Capacitance (bulk)	
Range	0 - 100nf
Resolution	3 dig
Accuracy	+/- (2% + 20pF)

Capacitance (per ft.)	
Range	0 - 100nf
Resolution	0.1pF
Accuracy	+/- (2% + 1pF)