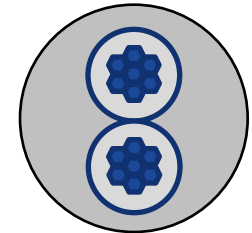
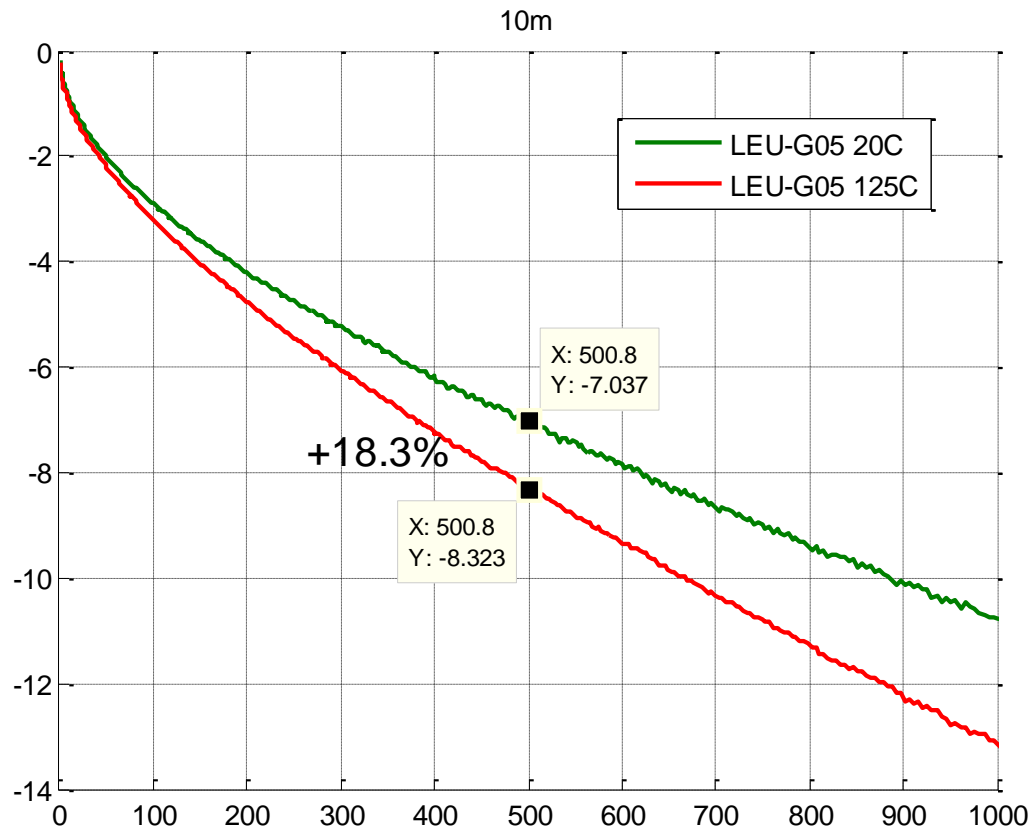

Rosenberger

Insertion Loss Limit for IEEE 802.3bp

Thomas Müller (Rosenberger)

Cable insertion loss over temperature

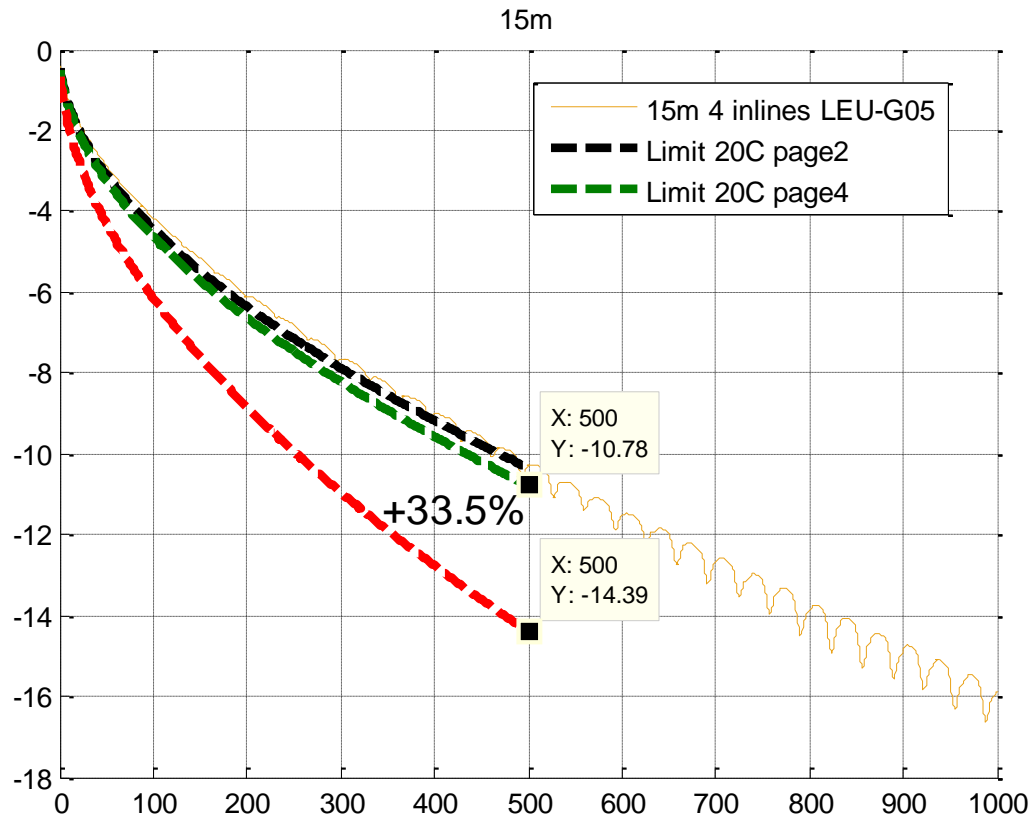
Baseline Proposal Information



- Cables attenuation without connectors with 0.14 qmm diameter (AWG26) can provide low insertion loss
- 18% increase from room temperature to +125°C only

Cable insertion loss over temperature

Baseline Proposal Information



- Proposed Limit with 14.3 dB attenuation at 500 MHz for a 15 m link with 4 inline connectors is feasible with 0.14 qmm (AWG 26)