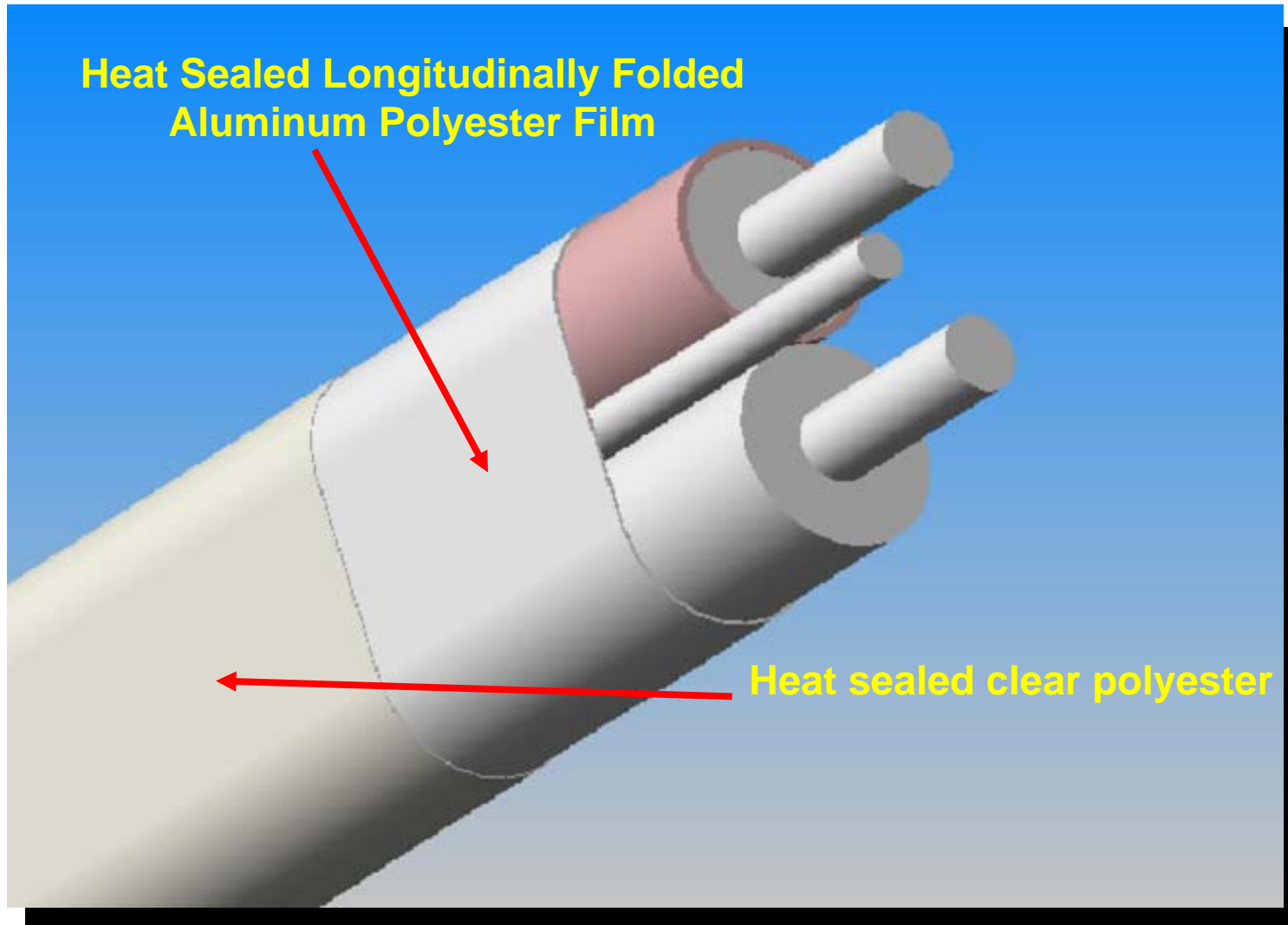


24 AWG twinaxial cable structure for 25Gb applications

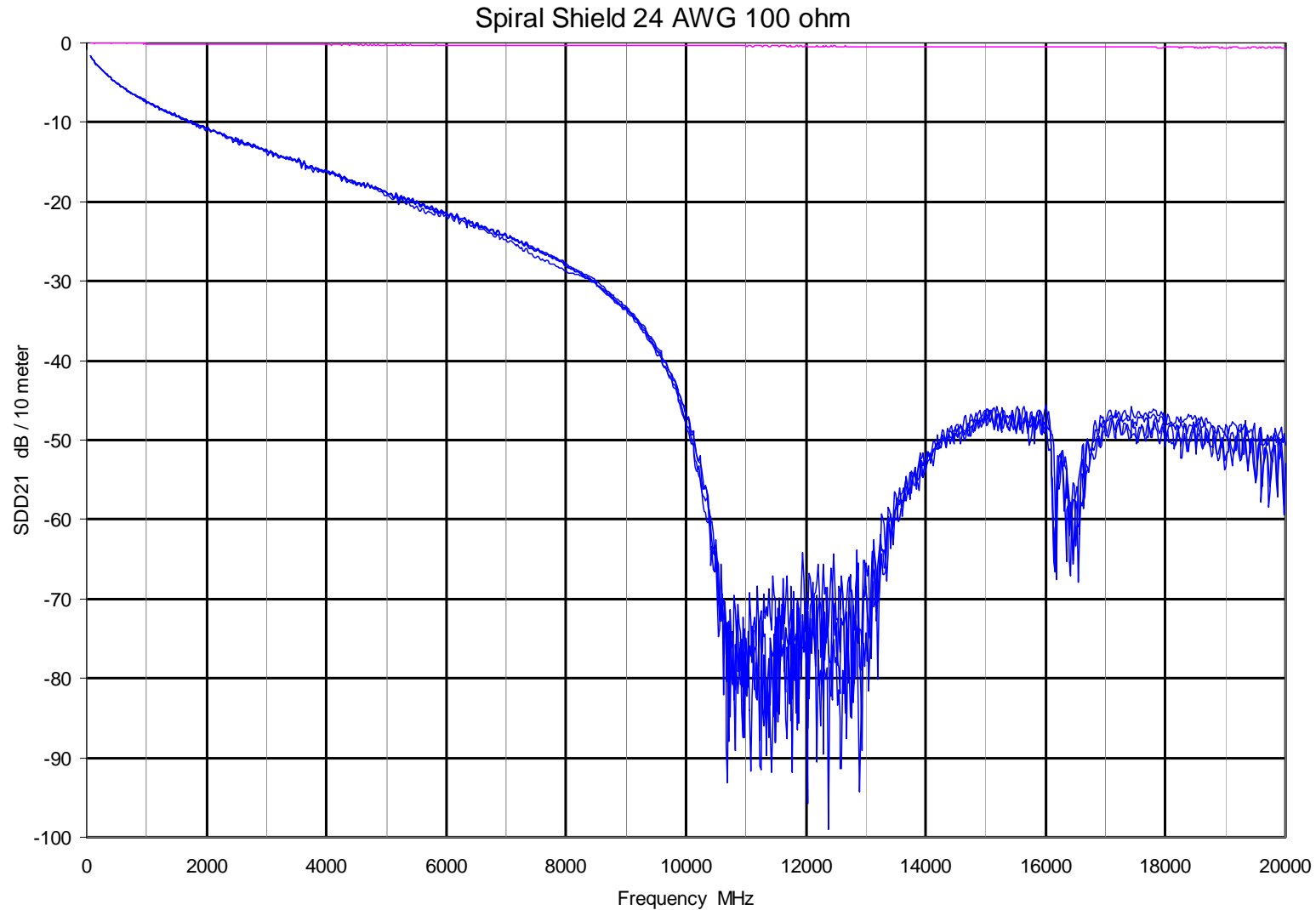
Carl Booth
Director, Product Development
Amphenol Spectra-Strip

March 2007

25 Gb Shielded Parallel pair



Traditional spiral wrapped twinaxial pair shields have periodic structure causing suckout above 8.5GHz



**Bulk cable comparison:
4 lane longitudinal pair shield vs. spiral pair shield
100 ohm 24 AWG solid silver plated copper, foam PE, aluminum / polyester shield**

