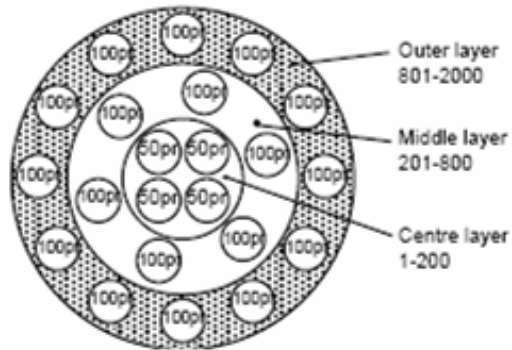


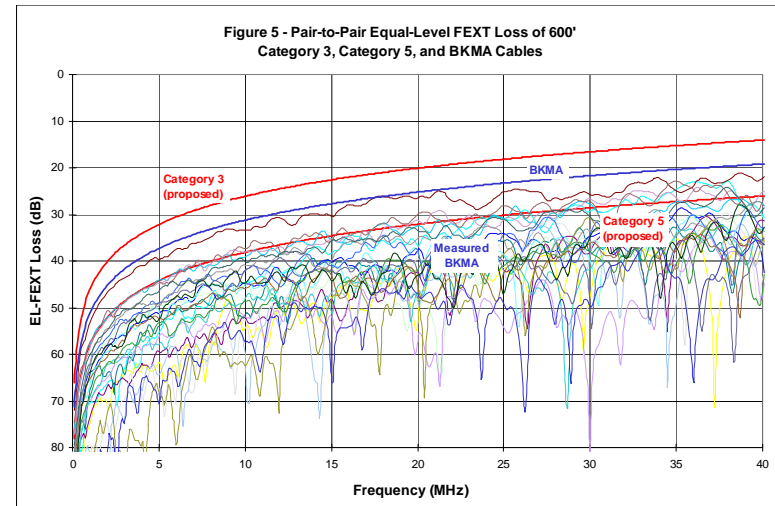
Crosstalk Effects on Loop Reach for ADSL

Dr. Lee M. Garth
Revelstoke Technologies LTD
4 July 2005

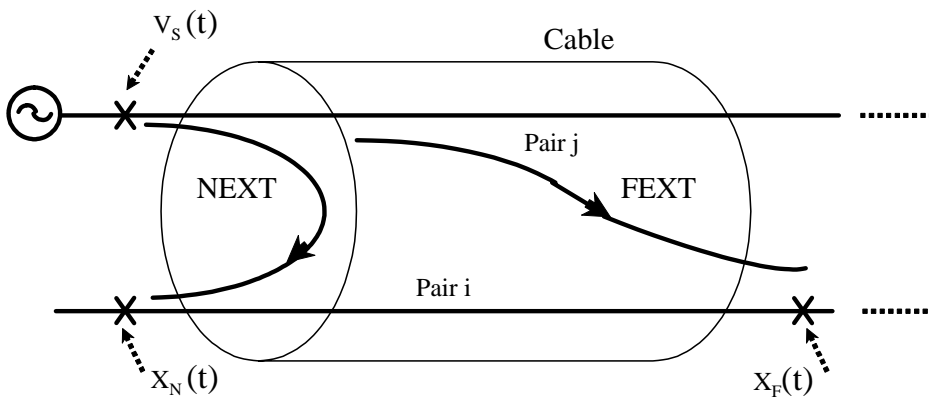
Crosstalk and the xDSL Environment:



Cross-section of Typical NZ Distribution Cable



Measured Pair-to-Pair FEXT Losses



- Two Types of Crosstalk:
- Near-End Crosstalk (NEXT)
 - Far-End Crosstalk (FEXT)