

Addendum 3 to TIA/EIA-568-A

As a result of the demand for open office architecture and the need to support multiple telecommunications applications in a shared sheath, this addendum to '568-A addresses revised performance specifications for hybrid cables. '568-A-3 also introduces a new term called "bundled cables" to describe 4-pair cable assemblies that are not covered by an overall sheath (as specified for hybrid cables), but by any generic binding method such as "speed-wrap" or "cable-ties."

The new hybrid and bundled cable requirements state that Power Sum NEXT loss between all non-fiber cable types within the cable shall be 3 dB better than the specified pair-to-pair NEXT loss for each cable type. See figure 1.

Figure 1: Pair-to-Pair measurements required to calculate Power Sum NEXT for pair 1 of a 24-pair cable.

