

Subject :Media Pull Bundled Cables

Mohawk has recently been awarded patent # 7,053,310, which covers the design of our line of Media Pull Bundled Cables.

Some of the highlights of this patent include:

- The individual cables that make up the bundle have different internal designs including twist lays of the pairs and O.D's of the conductors. This will reduce the electrical leakage from one cable to the next.
- The design allows the Media Pull cables to pass the TIA/EIA 568-B.2 standard for Hybrid Cables which states:
 - “Power sum NEXT loss for any disturbed pair and all pairs external to that pair's jacket within the bundled or hybrid cable shall be 3 dB better than the specified pair to pair NEXT loss of that recognized cable type at all of the specified frequencies. Calculated power sum NEXT loss limit values that exceed 65db shall revert to a limit of 65 dB.”

The intent of this standard cannot be met by merely pulling identical cables together and wrapping them with a binder, due to the additional Hybrid Standard requirements.

Meeting the TIA standard allows Mohawk to verify the cables as an overall bundled product versus an individual cable component.

Mohawk bundled cables are also offered in color-coded bundles (each cable in the group is a different color) for ease of installation. Printing of codes on the cable for identification purposes is also available, should all the cables be required to be the same color.

Should you have any questions or require additional information please do not hesitate to contact me directly at 1-800-422-9961.

Best Regards,

Joseph Barry
Sales Engineer – Copper Products