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Application Note: Generic Specification for Interlocking Armored Cable

This Application Note describes Metallic Interlocking Armored Cable for use, with Interceptor, as an Alarmed Carrier PDS.

- 1) The cable armor shall be:
 - A. Continuous and interlocking spiral wrap such that each wrap overlaps and locks with adjacent wraps
 - B. Aluminum or steel construction
 - C. Electrically continuous throughout the cable
 - D. Manufactured in the USA
 - E. Manufactured by ICEA compliant manufacturer
 - F. Comply with ICEA S-104-696-2001, section 5.3
 - G. Over jacket of material appropriate for installation, and compliant with applicable codes
 - H. Design and construction such that penetration of armor is non-reversible and not readily concealable
- 2) Additionally, cable must contain one or more inner jackets within the armor that offer:
 - A. Protection and isolation of the fibers from the armor
 - B. Containment of fibers in bundles of 2, 4, 6 or 12 fibers

3) Illustrations

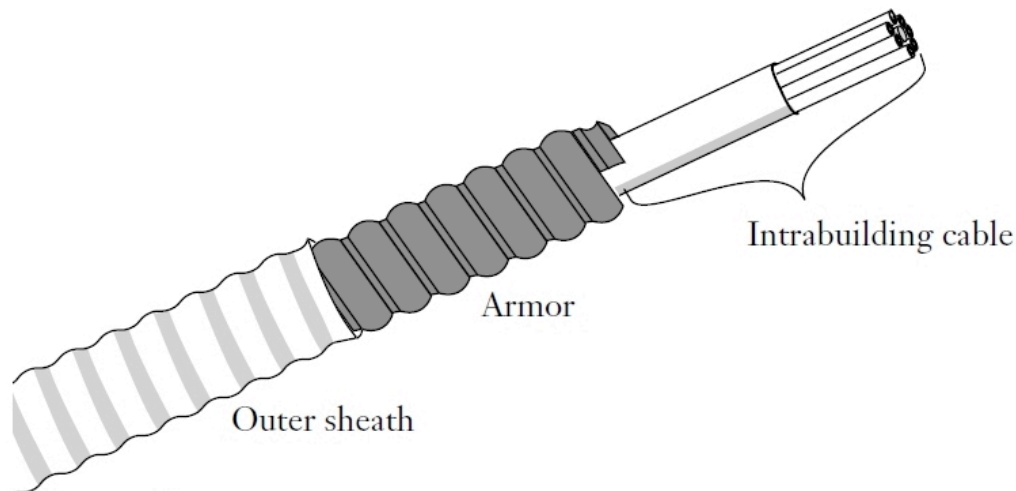


Figure 1. Drawing depicting interlocking armor (courtesy Corning Cable Systems)

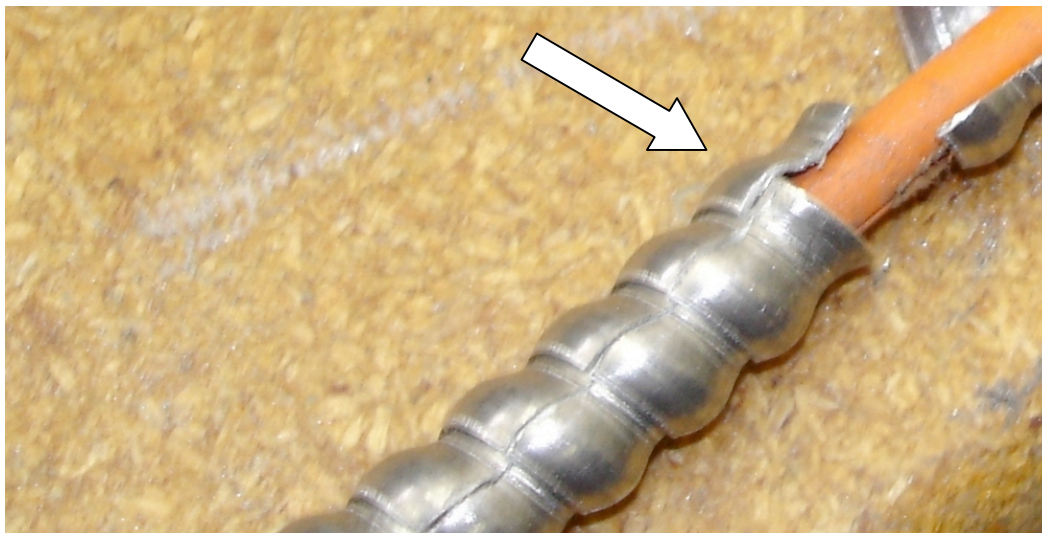


Figure 2. Opened armor illustrating the overlapping of the wraps



Figure 3. Partially unwrapped armor illustrating continuous wrap