

Alternative Jacket™ drop cables

Rodents frequently chew durable materials in an effort to wear down their teeth, which grow continuously. Damage caused by rodent chewing can negatively impact the integrity and performance of the cable and can even cause service outages.



With system operators offering a combination of high-speed data, advanced video, and voice services, the reliability of networks is critical. Solutions for protecting cable in underground applications such as armored cables or cable in conduit have protected this portion of the outside plant for many years; however, there have been limited offerings to protect the aerial plant.

CommScope has developed an alternative cable jacket that has proven to reduce or even eliminate damage from rodent chewing in high-risk locations. Manufactured for outside plant applications, the Alternative Jacket™ (AJ) option is now available for CommScope's coaxial drop cable products.

CommScope's patented Alternative Jacket material incorporates nontoxic food-grade additives that are extremely repulsive to the rodents' sense of taste and smell. Field tests have indicated that, once chewing begins, the culprit finds the experience unpleasant and will retreat before the point of cable damage.

The Alternative Jacket material construction is not rodent proof, but has been effective in reducing chewing. Standard product warranties apply and CommScope's warranty does not cover damage caused by rodents.

Available options include Series 6 and 11 messenger constructions, 77 percent tri-shield XP with or without APD corrosion protection. Cables will also include a green tracer for identification.

Handling precautions

The additives blended into the polymer are temporarily unpleasant but are not harmful to wildlife. Some people may show sensitivity to the additives in AJ, resulting in mild skin reaction. CommScope recommends the use of gloves while handling and working with Alternative Jacket cables, and thoroughly washing hands with soap and water after working with the cable. Avoid contact with eyes and take normal precautions including the use of safety glasses when preparing cable.

CommScope's Alternative Jacket drop cable is installed using the same process used with standard outside plant messengered drop cable. The use of appropriate construction practices is outlined in the CommScope drop cable construction manual, available in digital format at www.commscope.com.

CommScope Part #	Available options
F677TSVM(T-GRN) XP AJ	Series 6, Tri-Shield Shield 77% Braid, Black PVC w/Alternative Jacket & 0.051" Messenger, Single Green Tracer, Reel
F677TSVM(T-GRN) XP APD AJ	Series 6, Tri-Shield 77% Braid, Black PVC w/ Alternative Jacket & 0.051" Messenger & APD Floodant, Single Green Tracer, Reel
F1177TSVM(T-GRN) XP AJ	Series 11, Tri-Shield Shield 77% Braid, Black PVC w/Alternative Jacket & 0.072" Messenger, Single Green Tracer, Reel
F1177TSVM(T-GRN) XP APD AJ	Series 11, Tri-Shield 77% Braid, Black PVC w/Alternative Jacket & 0.072" Messenger & APD Floodant, Single Green Tracer, Reel

Everyone communicates. It's the essence of the human experience. *How* we communicate is evolving. Technology is reshaping the way we live, learn and thrive. The epicenter of this transformation is the network—our passion. Our experts are rethinking the purpose, role and usage of networks to help our customers increase bandwidth, expand capacity, enhance efficiency, speed deployment and simplify migration. From remote cell sites to massive sports arenas, from busy airports to state-of-the-art data centers—we provide the essential expertise and vital infrastructure your business needs to succeed. The world's most advanced networks rely on CommScope connectivity.



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