

Application Note No. 2 Weatherproofing Coaxial Connectors

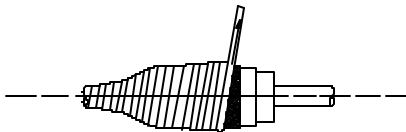
Most antenna problems are caused by coaxial cable connections that loosen due to vibration, allowing moisture to penetrate the connector interface. TIL-TEK recommends that all outdoor cable connections be weatherproofed using a procedure similar to the one described below.

Cable Connector - Cable Connector

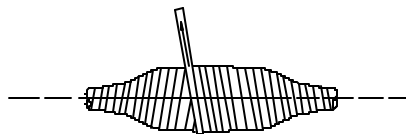
Step 1: Fasten connectors securely together. Ensure the connector and cables are free of foreign substances such as oil, water, grease, dirt, etc



Step 2: Tightly wrap two (2) layers of rubber splicing tape over the connection extending one (1) inch beyond the connectors and overlapping the tape on each turn.

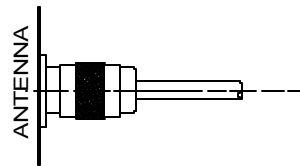


Step 3: Tightly wrap two (2) layers of electrical tape over the rubber splicing tape extending one (1) inch beyond the rubber splicing tape.

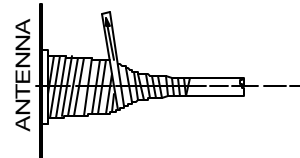


Antenna Connector - Cable Connector

Fasten connectors securely together. Ensure the connector and cables are free of foreign substances such as oil, water, grease, dirt, etc



Tightly wrap two (2) layers of rubber splicing tape over the connection extending one (1) inch beyond the connectors and overlapping the tape on each turn.



Tightly wrap two (2) layers of electrical tape over the rubber splicing tape extending one (1) inch beyond the rubber splicing tape.

