

# New PageWeatherproofing the Feedpoint — Step by Step

1. **Clean the connections first.** Use a small wire brush or fine sandpaper on the copper wire and hardware to get any oxidation off before you seal anything in.
2. **Apply a thin coat of dielectric grease** (like the kind used on spark plugs — cheap at any auto parts store) over the bare metal connections and screw hardware. This displaces moisture and slows future oxidation.
3. **Wrap the connection with regular electrical tape first** — just one snug layer to give the self-amalgamating tape something to grip and to hold everything mechanically in place.
4. **Wrap over that with self-amalgamating (self-fusing) tape.** Start a couple inches below the connection on the coax, wrap up and over the whole connection, and come back down a couple inches past it on the other side. Stretch it as you wrap — that's what makes it fuse to itself and seal out water. No adhesive needed, it bonds to itself.
5. **Optional but good — one final layer of regular electrical tape** over the self-amalgamating tape. Self-amalgamating tape can get sticky and collect dirt over time in UV exposure. The outer electrical tape layer protects it.
6. **Check the coax entry point into the house** wherever it comes through the wall or window. That hole needs to be sealed too — a weatherproof grommet or even just silicone caulk around the cable where it enters. Water loves to wick down a coax cable and into your wall.

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