

**WARNING**

If you insert or remove the module while backplane power is on, an electrical arc can occur. This could cause an explosion in hazardous location installations. If you insert or remove the module while backplane power is on, an electrical arc can occur. This could cause an explosion in hazardous location installations.

Be sure that power is removed or the area is nonhazardous before proceeding.

**WARNING**

If you connect or disconnect the communications cable with power applied to this module or any device on the network, an electrical arc can occur. This could cause an explosion in hazardous location installations.

## About the Dual Copper Repeater Module

Use this copper repeater module when the:

- design of the network requires a hub-based topology
- segment requires a greater copper distance
- design requires an isolated segment
- number of nodes requires the use of repeaters (refer to Understand Constraints of the Coax Segment on page 1-17)

The copper repeater module allows multiple 1000m copper segments to be attached to a repeater adapter (1786-RPA). See pages 15-18 for topology examples and segment length constraints.

The module provides two copper channels and activity status indicators for each channel.