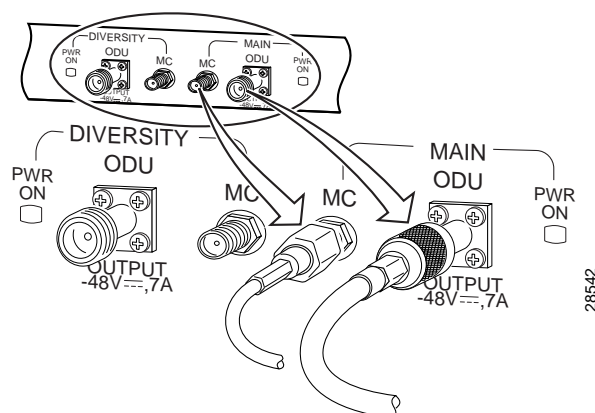




**Warning** Use RG-214 or similar size 50-ohm coaxial cable with a center conductor size of 14 AWG or larger. Failure to do so can result in overheating and long-term failure.

**Figure 29 Connecting the IF Cable (to the Wireless Transverter)**



If you will be using the diversity feature, attach a second cable to the Diversity-ODU/Output connector.

This completes the procedure for installing and cabling a power feed panel.

## Installing a Wireless Transverter

This section provides instructions for installing the duplexer assembly in the transverter chassis, then installing the transverter on the antenna mast.

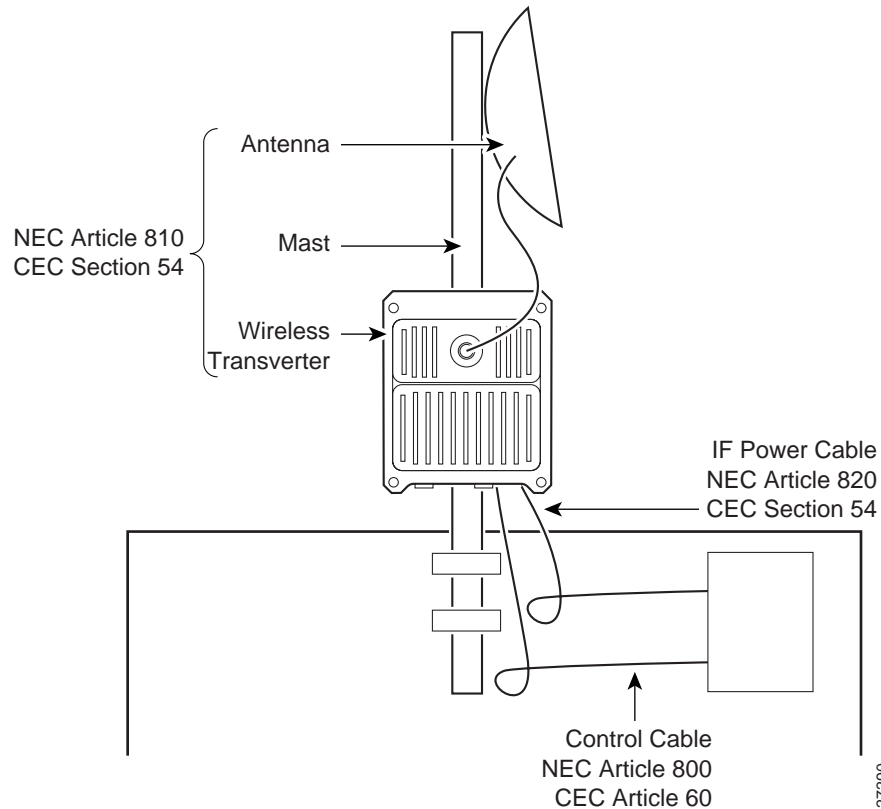
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**Note** These instructions apply to the MMDS transverter manufactured and supplied by Cisco. If you have purchased a transverter from another vendor, refer to that vendor's instructions for installation.

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**Warning** Do not locate the transverter near overhead power lines or other electric light or power circuits, or where it can come into contact with such circuits. (See Figure 30.) When installing the transverter, take extreme care not to come into contact with such circuits, as they may cause serious injury and death.

**Figure 30**      **Roof Installation Considerations**

**Warning** This unit is intended for installation in restricted access areas. A restricted access area is where access can only be gained by service personnel through the use of a special tool, lock and key, or other means of security, and is controlled by the authority responsible for the location.



**Warning** When installing the unit, the ground connection must always be made first and disconnected last.



**Warning** Never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available.



**Warning** A radiation hazard may exist within a specific radius around the center point of the antenna. The table below associates antenna gain (in dB) with a minimum acceptable distance. Determine the gain of the antenna and use Table 6 to locate the minimum acceptable distance from the center point of the antenna. (Transmitter Power = 33 dBi.)