

Wi-Fi and radio-frequency safety

Plain-language information about everyday wireless-network exposure.

Scope of this guide

This document provides general information and is not medical advice. Questions about personal health should be discussed with a qualified healthcare professional.

What Wi-Fi uses

Wi-Fi and fixed wireless equipment use non-ionising radio-frequency energy. Non-ionising energy does not have enough energy to remove electrons from atoms in the way ionising radiation such as X-rays can.

How exposure is managed

- Wireless equipment must comply with applicable technical and safety requirements.
- Exposure generally reduces rapidly as distance from a transmitter increases.
- Outdoor fixed-wireless antennas are installed and aligned for communication with the network, not for people to stand directly in front of them.

Practical precautions

- Do not climb towers, masts or roofs to inspect radio equipment.
- Do not move, open or modify professionally installed outdoor equipment.
- Keep damaged power supplies or cables switched off and contact EdelNet.
- Follow manufacturer instructions for router placement and ventilation.

Questions or concerns

Customers with questions about a specific installation should contact EdelNet so the equipment, location and installation can be checked.