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Translation

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Use of mobile radio on the railways - Antennas

Installations radio du chemin de fer (service mobile) - Antennes

Eisenbahn-Funkeinrichtungen (Mobiler Dienst) - Antennen



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Summary

When using antennas in railway mobile radio service, there are strict requirements to be met in terms of the choice of suitable antennas, location, mechanical mounting, electrical connection and environmental influences. Only by taking proper account of all of the points can the satisfactory functioning of the installation be guaranteed.

1 - Introduction

This leaflet gives an overview of the current use of antennas in railway mobile radio service and the experience gained. It identifies the most important general aspects to be taken into account in manufacturing antenna systems and deals with the measures to be adopted to enable their use on electrified lines. It further defines the main characteristics of the most commonly used antennas.