



isoCall+ RADIO GLASS

EXTREME IMPROVEMENT OF THE RADIO WAVE TRANSMISSION FOR GLAZINGS WITH METALLIC COATING

Our practically invisible laser processing of the coating ensures a stunning increase in radio wave transmittance

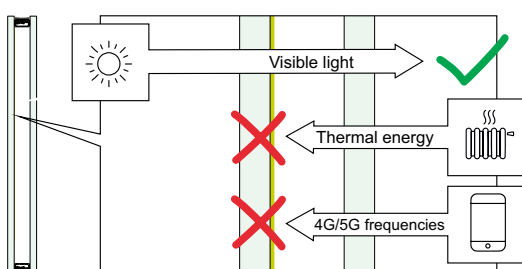
Overview

- Innovative processing of the metallic coatings of the facade glass for a drastic increase in mobile phone reception
- Can be used for all types of glass and pane structures without significant impairment of the heat or sun protection function
- Permanently high permeability for broadband data - also for 5G: Reduction of radio transmission density and longer battery life for mobile devices

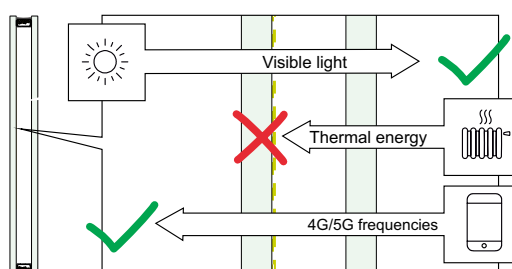
HIGH DOWNLOAD RATE WHILE MAINTAINING SUN PROTECTION AND THERMAL INSULATION

Where metallic coatings on the glass surface ensure high-quality optics and low heat transmission, there is often an unwanted and drastic reduction of radio wave transmission. This drastically reduces the user comfort in the building.

NORMAL IGU



ISOCALL+





INVISIBLE ENGRAVING OF THE COATING IN THE ISOPHON GLAS LASER PROCESSING CENTER

isoCall+ is a functional glazing where smallest areas of the coating have been removed with a laser. This results in small patterns that are almost invisible to the human eye and allow good permeability for radio waves, for example from mobile phones and handheld devices.

In buildings with facades, in which otherwise no or only greatly reduced mobile phone reception would be possible, a signal strength similar to that outdoors is achieved.

ALL SIZES - ALL GLASS TYPES

isoCall+ is available for all glasses with a metal-based coating. The glasses are engraved in the laser center before being processed to insulating glass and are thus manufactured for ultra-modern buildings with the best possible radio wave reception.

Technical specifications:

Sizes:

up to 3210 x 7300 mm

IGU design

all IGU designs

Gap:

any

