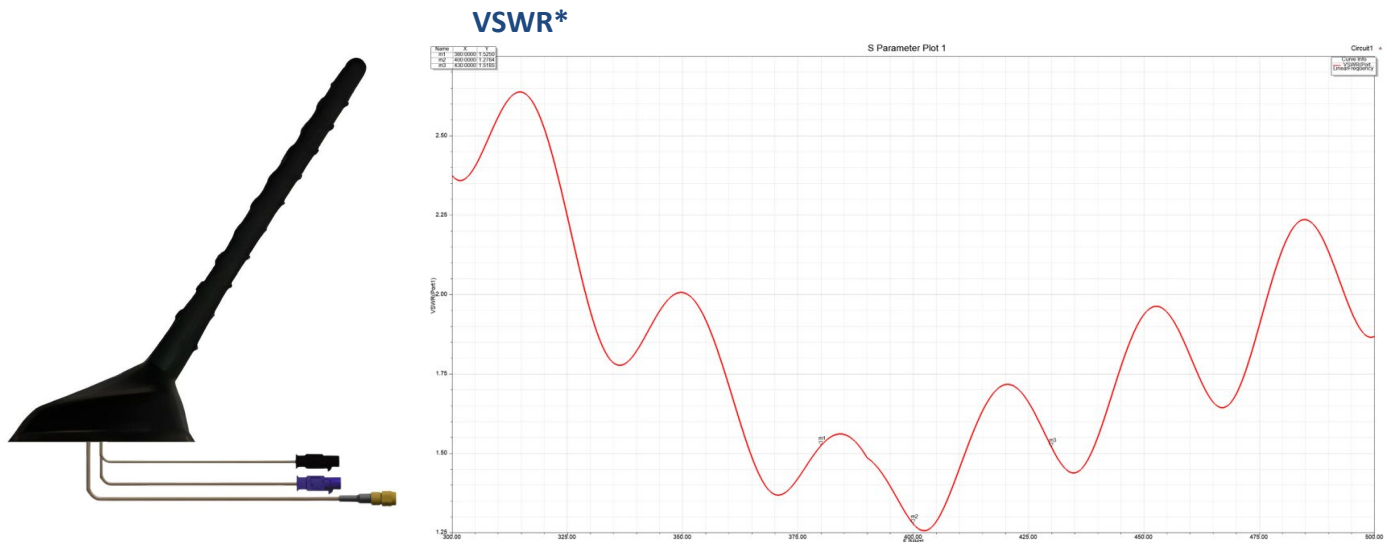


## Supply & Modify Covert Hyundai iLoad i30 Antenna – 3 FUNCTIONS



This **covert antenna modification** is for a genuine **OEM rear roof antenna** for the **Hyundai iLoad & i30 models**, and can be fitted to a lot of their range of commercial vehicles. The antenna is a **rear centre roof panel mount antenna** with a single nut fitment and features a **removable whip** to allow for vehicle washing and maintenance. This particular part number has 1x 300mm **RG316 low loss cable** exiting the antenna. Optional RF connectors can be specified when ordering, and can be supplied with a **full range of extension cable assemblies, and multiplexers** to allow you to retain the **OEM functions** of the vehicle. This antenna can also be **modified to many different frequency bands and functions**. Please contact us for more details.

### Technical Specifications\*

| Band                  | TETRA               | AM/FM                  | GPS                     | OEM Functions                            |
|-----------------------|---------------------|------------------------|-------------------------|--|
| Frequency Range (MHz) | 380-430 MHz         | 88-108 MHz             | 1575 MHz                |  |
| Input Power           | 25W                 | -                      | -                       |  |
| Gain                  | 5dBi                | -                      | 28dB Typical            |  |
| Polarisation          | Vertical            | Vertical               | RHCP                    | All OEM functions & connectors retained. |
| VSWR                  | <2.5:1              | 2.1:1                  | <1.5:1                  |  |
| Impedance             | 50Ω                 | 50Ω                    | 50Ω                     |  |
| Connection            | SMA (m) 300mm RG316 | FME (f) 300mm RG316*** | FAKRA C (m) 300mm RG316 |  |
| Extension Lead        | BNC (m) 5m SBC195   | -                      | -                       |  |

\*Tested using 5m of SBC-195 on 1.5m ground plane. \*\*Gain calculated using HFSS. \*\*\*AM/FM requires SM3000 Diplexer.

Subject to change.

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