



Ericsson Antenna Technology Germany GmbH • Klepperstraße 26 • 83026 Rosenheim • Germany

# Kathrein Mobile Communication — now part of Ericsson

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Company Responsible:  
Markus Feld

VAT Reg. No.: DE 324 954 029  
Tax ID No.: 103/5725/3930

BNP Paribas  
IBAN: NL05 BNPA 0227 7141 56  
BIC: BNPANL2AXXX

Zum 1. Oktober 2019 ist die Kathrein Mobile Communication die Ericsson Antenna Technology Germany GmbH (im Folgenden auch „EAG“), eine mit Gesellschaftsvertrag vom 16. Januar 2019 neu gegründete Gesellschaft mit beschränkter Haftung (GmbH) nach deutschem Recht mit Sitz in Rosenheim (Geschäftsanschrift: Prinzenallee 21, 40549 Düsseldorf). EAG ist im Handelsregister B des Amtsgerichts Traunstein unter der Nr. HRB 27988 eingetragen und hat ein Stammkapital von derzeit EUR 2.000.000,00. EAG wird vertreten durch den Geschäftsführer Markus Feld. Alleinige Gesellschafterin von EAG ist die Telefonaktiebolaget LM Ericsson (publ), eine börsennotierte Aktiengesellschaft nach schwedischem Recht.

Die neuen Firmendaten lauten seither wie folgt:  
**Ericsson Antenna Technology Germany GmbH**  
**Klepperstraße 26**  
**83026 Rosenheim, Germany**  
**UST-Ident-Nr: DE 324 954 029**  
**Steuer-Nr.: 103/5725/3930**

As of 1 October 2019, Kathrein Mobile Communication is Ericsson Antenna Technology Germany GmbH (hereinafter also referred to as "EAG"), a limited liability company under German law, newly established by articles of association dated 16 January 2019, with its head office in Rosenheim (business address: Prinzenallee 21, 40549 Düsseldorf, Germany). EAG is registered in the commercial register, section B, of Amtsgericht Traunstein (district court Traunstein) under the number HRB 27988 and has a share capital of currently EUR 2,000,000. EAG is represented by managing director Markus Feld. The sole shareholder of EAG is Telefonaktiebolaget LM Ericsson (publ), a listed stock corporation under Swedish law.

The new company data are as follows:  
**Ericsson Antenna Technology Germany GmbH**  
**Klepperstraße 26**  
**83026 Rosenheim, Germany**  
**VAT Reg. No.: DE 324 954 029**  
**Tax ID No.: 103/5725/3930**

Read more at: [ericsson.com/en/networks/kathrein](http://ericsson.com/en/networks/kathrein)

## 3-way

Operate a FlexRET system with up to three independent primaries.

- Compliant to AISG 1.1 and 3GPP/AISG 2.0
- Single RETs or Multi RET displayed
- Selectable arrangement of arrays
- Possible for up to three FlexRETs (daisy chain)



| Type No.                                                         | 86010154                                                                                                 |                                           |
|------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------|
| Protocols                                                        | compliant to AISG 1.1 and 3GPP/AISG 2.0                                                                  |                                           |
| Logical interface ex factory                                     | 3GPP/AISG 2.0                                                                                            |                                           |
| Input voltage range                                              | V                                                                                                        | 10 ... 30 (pin 1, pin 6)                  |
| Power consumption                                                | W                                                                                                        | < 3 (stand by); < 12 (motor activated)    |
| Connectors                                                       | 4 x 8 pin connector according to IEC 60130-9; according to AISG<br>In: male; Out: female                 |                                           |
| Hardware interfaces                                              | RS 485A/B (pin 5, pin 3);<br>power supply (pin 1, pin 6); DC return (pin 7);<br>according to AISG / 3GPP |                                           |
| Temperature range                                                | °C   °F                                                                                                  | -40 ... +60   -40 ... +140                |
| Protection class                                                 | IP 54 (installed)                                                                                        |                                           |
| Lightning protection                                             | AISG interface (each pin)<br>2.5 kA (10/350 µs)<br>8 kA (8/20 µs)                                        |                                           |
| Max. cable length (Site Sharing Adapter to last FlexRET Antenna) | m<br>ft                                                                                                  | 150<br>492                                |
| Housing material                                                 | Cover: Aluminum die cast coated                                                                          |                                           |
| Weight                                                           | g   lb                                                                                                   | 650   1.4 lb                              |
| Dimensions (H x W x D)                                           | mm<br>inches                                                                                             | 123 x 166 x 62<br>4.8 x 6.5 x 2.4         |
| Packing size                                                     | mm<br>inches                                                                                             | 160 x 250 x 100<br>6.3 x 9.8 x 3.9 inches |



### Please note:

The Site Sharing Adapter can exclusively be used with FlexRET antennas. The FlexRET output of the Site Sharing Adapter needs to be directly connected to the FlexRET antenna. For selecting the arrangement of the antenna arrays, a separate software application is available.

The Site Sharing Adapter expands the AISG interface of max. three FlexRETs up to three AISG interfaces for three independent AISG primaries. The alignment of antenna arrays can be configured individually.

For site sharing with antennas which have 7 or 8 arrays, Site Sharing Adapter Firmware from version FW\_V02.03.00 is needed. The latest firmware and update information for the Site Sharing Adapter are provided via our customer portal on [www.kathrein.com](http://www.kathrein.com).

Only FlexRET devices from firmware version FW\_V02.01.00 are suitable for operation with the Site Sharing Adapter.

- The firmware version can be queried through the AISG command "get information".
- The latest firmware version for FlexRET can be downloaded from the Kathrein website.
- FlexRET Antennas with firmware version FW\_V02.00.XX must be updated before the initial setup of the Site Sharing Adapter. The FlexRET device will not be detected otherwise.
- A firmware update can be performed with a corresponding primary (e.g. Node B) or Controller (e.g. Kathrein ALC, -PCA, -CCU).

Standby power for Site Sharing Adapter and FlexRET system is taken by the BTS with the highest DC input voltage. When the motor is in operation, the electrical power is allocated fairly to the base stations, according to the individual input. The Site Sharing Adapter can not be used in combination with an AISG splitter (e.g. 86010002). For the connection of the Site Sharing Adapter and the FlexRETs, a standard AISG cable shall be used.

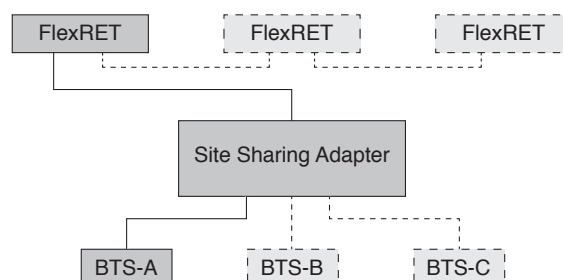
The latest configuration software and the manual with detailed configuration information are provided via our customer portal on [www.kathrein.com](http://www.kathrein.com)

Additional earthing may be needed depending on the used installation. Please follow the guidelines given in the manual.

Standards: EN 60950-1 (Safety),  
EN 60950-22 (Safety – Equipment installed outdoor)  
EN 55022 (Emission),  
EN 55024 (Immunity),  
ETS 300019-1-4 (Environmental),  
UL 60950-1; 1<sup>st</sup> edition

Certification: CE, FCC

Scope of supply: Site Sharing Adapter, tension band



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**FCC – Statements****FCC § 15.19**

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**FCC § 15.105**

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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**FCC § 15.21 (Warning Statement)**

[Any] changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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## **Compliance Information Statement (Declaration of Conformity Procedure)**

**Responsible Party:** Kathrein USA

**Address:** Greenway Plaza II, 2400 Lakeside Blvd. Suite 650, 75082 Richardson, Texas

**Telephone:** (+01)214 238 88 00

**Type of Equipment:**



**Model Name:** Site Sharing Adapter

**Model no.:** 86010154