

## 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	10 ... 30 V (pin 1, pin 6)
Power consumption	< 3 W (stand by); < 12 W (motor activated)
Connectors	4 x 8 pin connector according to IEC 60130-9; according to AISG In: male; Out: female
Hardware interfaces	RS 485A/B (pin 5, pin 3); power supply (pin 1, pin 6); DC return (pin 7); according to AISG / 3GPP
Temperature range	-40 °C ... +60 °C
Protection class	IP 54 (installed)
Lightning protection	AISG interface (each pin) 2.5 kA (10/350 µs) 8 kA (8/20 µs)
Max. cable length (Site Sharing Adapter to last FlexRET Antenna)	150 m
Housing material	Cover: Aluminum die cast coated
Weight	650 g (1.4 lb)
Packing size	160 x 250 x 100 mm (6.3 x 9.8 x 3.9 inches)
Dimensions (H x W x D)	123 x 166 x 62 mm, (4.8 x 6.5 x 2.4 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.

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.

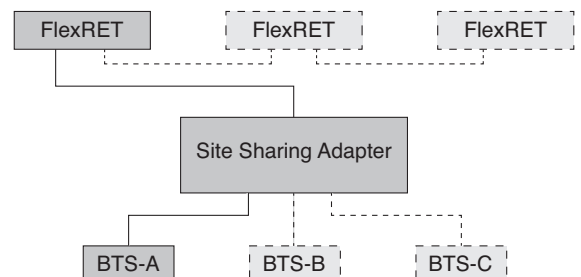
The latest configuration software and the manual with detailed configuration information are provided via our customer portal on [www.kathrein.com](http://www.kathrein.com)

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



936.4334/d Subject to alteration.