Modification of Desiccant Cartridge DC-KIT-B

The RFS desiccant cartridge is a compact and economical solution designed to protect antenna / feeder systems against moisture.
The waveguide is closed at both ends using a pressure window and a pressure tight antenna. The system is purged and seal tested during installation. The desiccant cartridge is connected to the system (max. torque 1.5 Nm) and the humidity indicator will provide an early warning (long before link failure) if moisture has entered the system in spite of all the precautionary measures taken. In this case the capacity of the cartridge will be reached sooner. This is indicated by the desiccant changing its colour from blue to violet. For economical reason the housing of the casting has been changed from **brass to synthetic material**.

Benefits

- No power consumption
  - saves cost
- The maintenance can be synchronised with the radio check
  - saves cost
- Easy to replace
  - saves time and cost
- Small part
  - saves space, no shelter is required
- No electronic part
  - high MTBF

Specifications subject to change without notice

The cartridge is installed at the waveguide connector in general.

desiccant cartridge
spare part
Model Number:
DC-001

Installation on FLEXWELL waveguide connector for E100 – E220
Model Number: **DC-KIT-B**

For installation on small-size waveguides the kit includes an additional waveguide component.

Installation with DC-KIT adaptor for:
square flange PBR**220*** (waveguide E185*/220*/250) Model Number: **DC-KIT-220-B**
square flange PBR**260** (waveguide E250) Model Number: **DC-KIT-260-B**
square flange PBR**320** (waveguide E300 / E380) Model Number: **DC-KIT-320-B**

*installation directly with DC-KIT-B or optional with DC-KIT-220-B

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