Diversity Kit

High performance device for switching between two VSAT antennas

Main Features

- Fully automatic management of a dual antenna system

- Prevents loss of satellite signals by blockages

- Always-on broadband service

- Compatible with several modems

- Easy installation and use

EPAK ®

EPAK

EPAK Diversity Kit
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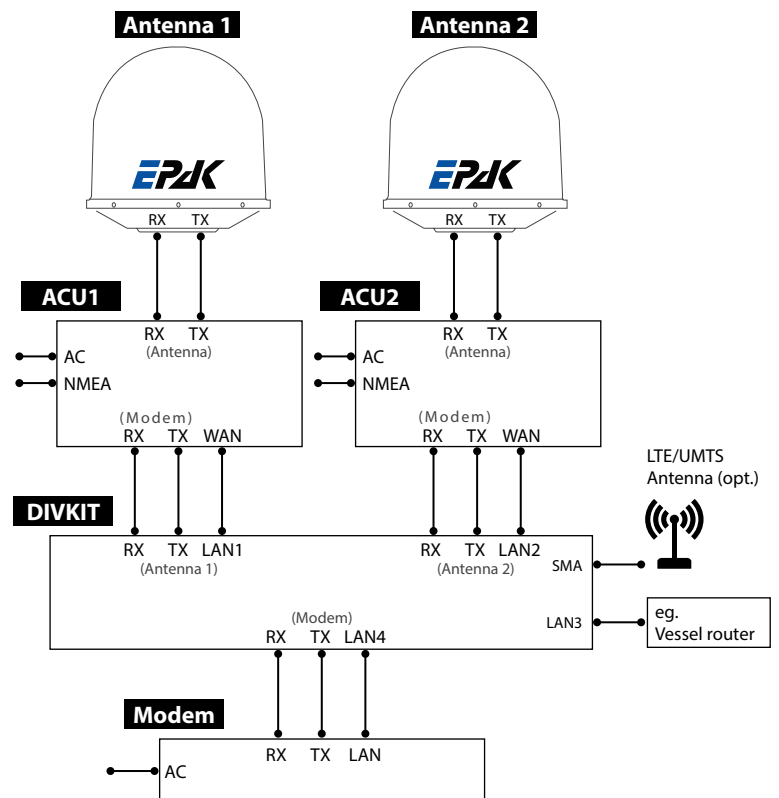
EPAK Diversity Kit

Satellite communication relies on an unobstructed view from the satellite antenna to the sender. Superstructure and other obstacles might seriously affect availability of your VSAT satellite link.

The **Diversity Kit** increases the availability of your satellite link by switching automatically to the antenna with the better sight.

Technical Specifications

Power consumption	approx. 6 W
Frequency range	RX: 950 MHz - 2150 MHz TX: 10 MHz - 100 MHz, 950 MHz - 1750 MHz
Input voltage, frequency	90~264 V AC, 47~63 Hz
Interfaces	4x Ethernet
Local user interfaces	4x LED (active antenna indication)
Operating temperature	-20°C to 55°C
Storage temperature	-40°C to 85°C
Humidity	According to IEC 60945
IP class	IP 30
Dimensions(W x H x D)	48.2 x 4.4 x 38 cm (18.9" x 1.7" x 14.9")
Weight	3.53 kg (7.78 lb)

Cables & Connectors

Divkit to ACU	• Double shielded coax cable (RG6) with TNC and F-plugs • 1x Ethernet with RJ45 plugs
Divkit to Modem	• 2x Double shielded coax cable (RG6) with F and TNC-plugs • 1x Ethernet with RJ45 plugs
Divkit to LTE Antenna	• Coax cable with (<18dB cable attenuation for best performance) with 1x SMA and 1x N-Plug • up to max 20 m: RG58 LSNH double shielded coax cable, 50 Ω with F-plug at both ends - for up to 50m • up to max 40 m: LMR240, Low-Loss coax cable with a copper core, 50 Ω with F-plug at both ends - for up to 50m
LTE Modem	• 1x integrated 4G LTE modem • Dual SIM connection

Diversity Kit Connection Scheme