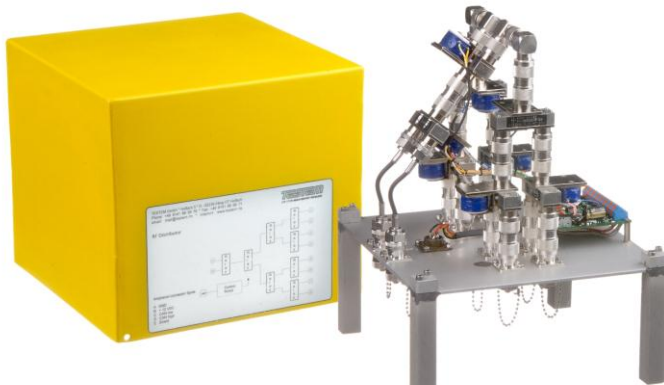


FTS TASM8 – Antenna switching matrix for flight termination system



FTS antenna switching system

General description:

The FTS TASM8 is used on top of an antenna mast to distribute the RF signal of a flight termination ground station system to one of eight directional antennas. It consists of a RF relay matrix with one RF input and eight RF outputs and an additional microcontroller board. The board communicates with the ground station, controls the RF relays and is powered from the ground station via the control cable. Its protected against environment (humidity, rain) and is suitable to work within a temperature range of -10 to +70 °C.

Technical data:

Size:	250 x 250 x 230 mm
Weight:	6,5 kg
RF Input :	N-connector
RF output (8):	N-connector
Control and power input:	5-pole MIL connector
Power:	integrated DC/DC-converter (isolated)
Power consumption:	12 V, up to 700 mA depending on activated relays

Relay characteristics:

VSWR:	1,02 @ 400 MHz
Isolation:	55 dB min. @ 400 MHz
Insertion loss:	0,15 dB max. @ 400 MHz
Input power:	500 W max. @ 400 MHz
Operating temperature:	- 50 to +70 °C

For further information please contact TESTEM GmbH mail@testem.de.