

AVAILABLE NOW !!

KA – BAND REDUNDANCY SWITCHOVER SYSTEM

PROTECT YOUR Ka-BAND CUSTOMERS

EXTERNAL UNIT

- L-Band switches
- redundant LNA/LNB combinations (customer specified)



Ka-Band Input	L-Band Output
17.7 – 18.2 GHz	1.00 – 1.50 GHz
18.3 – 18.8 GHz	1.00 – 1.50 GHz
17.7 – 18.7 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
18.2 – 19.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
18.7 – 19.7 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
19.2 – 20.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
20.2 – 21.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
21.2 – 22.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
<i>also dual band and broad band series</i>	
19.2 – 21.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz
17.7 – 21.2 GHz	1.00 – 2.00 GHz or 0.95 – 1.95 GHz

CONTROL UNIT



- monitors LNA/LNB functions
- switches RF paths according to redundancy scheme (1:1, 2:1)

Distributed in North America by:



A.G. Franz, LLC

novotronic-sales@agfranz.com
www.agfranz.com/novotronic

AVAILABLE NOW !!

KA – BAND REDUNDANCY SWITCHOVER SYSTEM

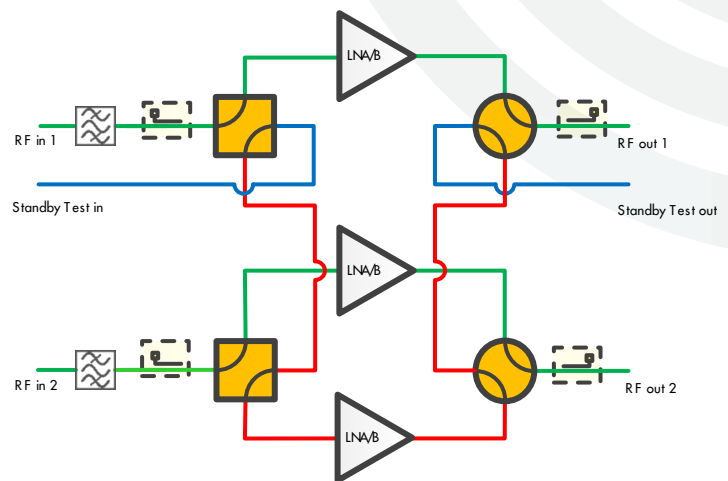
PROTECT YOUR Ka-BAND CUSTOMERS

TECHNICAL CHARACTERISTICS

GENERAL	DESCRIPTION
External unit	- Waveguide and L-Band switches - Configurable variants of redundant LNA/LNB combinations
RF	Input WR42 waveguide – Output N/SMA Connector, Impedance on request
Dimensions	270mm x 270mm x 120mm (1:1 System)
Temperature Range	Operating: -40°C ... +60°C
Humidity	0% ... 95%
EMC	In accordance with EN 61000-6-3 and EN 61000-6-1
Control unit	- Monitoring of LNA/LNB functions - Switching of RF signals to redundant paths - Configuration according to the required system variants (1:1, 2:1)
Monitoring	- Amplifier current consumption - Readback switch status
Management	- Manual or remote via LAN Ethernet or a serial interface - Integrated Web Interface. Supported protocols: TCP and UDP
Distance	Up to 50 meter from controller to external unit

REDUNDANT SWITCH VARIANTS AND OPTIONS

- ✓ Redundant protection for up to 2 paths
- ✓ Provision of 10 MHz Reference frequency for LNAs
- ✓ Provision of direction couplers at the input and output for monitoring feeded test signals
- ✓ — Monitoring the redundant standby path
- ✓ Monitoring of LNA / LNAs supply current
- ✓ Monitoring of Waveguide and L-Band switches
- ✓ Impedance adaption (50 Ω, 75 Ω)
- ✓ Wide range redundant power supply



Distributed in North America by:



A.G. Franz, LLC

novotronic-sales@agfranz.com
www.agfranz.com/novotronic