



Low Noise Block Down Converter

Ku Band, WR75, 1+1

RLNB-Ku-L-band-WR75-1+1-g11



Input/ Output Frequency Options

#	RF In (GHz)	L-band Out (MHz)
1	10.95-11.7	950-1700
2	11.7-12.2	950-1450
3	12.25-12.75	950-1450

Order Examples: RLNB-10.95-11.70-L-band-WR75-1+1-g11

Description: (Low Noise Block Down Converter, 10.95-11.70, L-band, WR75, 1+1)

Specifications	
Input Frequency	See Table (above)
LNB A to LNB B isolation	30dB min.
Input VSWR	2.5:1 typ.
Input waveguide	WR75G
Noise temperature at 25 °C	75 °K (1dB)
Local Oscillator frequency	10.00 (01), 10.75 (02), 11.30 (03) GHz
Phase noise (LO)	-63dBc/Hz @ 100Hz offset -73dBc/Hz @ 1KHz offset -83dBc/Hz @ 10KHz offset -93dBc/Hz @ 100KHz offset
External reference	10MHz @ 0 to -10dBm
Phase noise (reference, typical)	-135dBc/Hz @100Hz offset -143dBc/Hz @ 1KHz offset -154dBc/Hz @ 10KHz offset
Output frequency	See Table (above)
VSWR	2.3:1
Output intercept point	20dBm
Output power at P1dB	0dBm
Image rejection	45 dB
IMD with 2 input carriers	<-75dBc (typical)
Spurious (fixed)	-140dBm (unrelated to input signal)
DC voltage	+12 to +18V
DC current	300mA
Output	Type N female
Color	White Powder coat

Note: See Also, Redundant BUC, Ku Band, RBUC-13.75-14.5- 500W-REDT-ODU-g11

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Specifications may be subject to change

04/13/12

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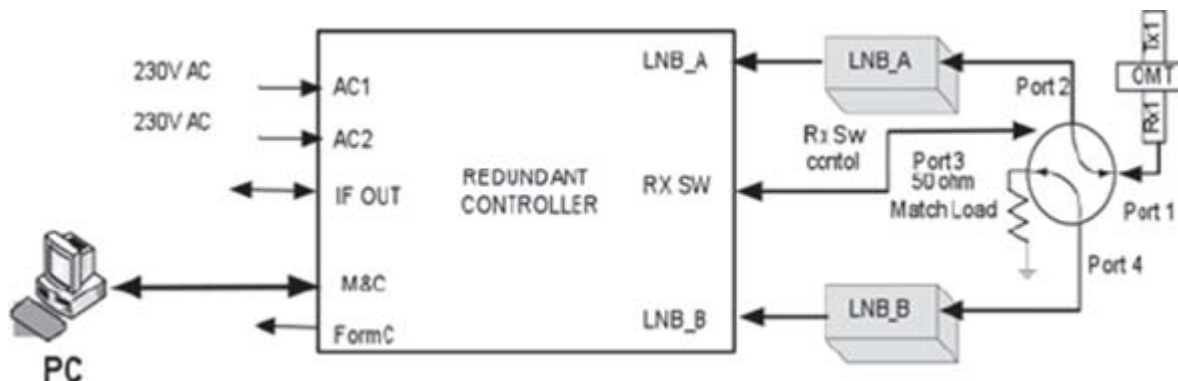
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RLNB10.95-11.70-L-band-WR75-1+1-g11

1:1 Redundant System for LNB UNITS WITH RRCU-R Controller



Note - One LNB fully protects the other in case of failure, automatically switching when required.