



Model RFDS 16-X

5 MHz, 16 Way, 1U, Frequency Standard Divider



The RFDS 16 -X series of units provide the user with a frequency standard divider. The unit can be internally configured (factory set) for an input frequency in the range 1-10MHz, a frequency divider allows the unit to divide by 2 , 5, or 10, Alternatively, the divider can be linked out to allow direct multi-coupling to the input reference frequency. The unit is powered from 230V AC and has dual redundant inputs, which are Master Slave selectable from the front panel.

SPECIFICATIONS		
Parameter	Limits	
<u>Electrical</u>		
<u>Model</u>	RFDS 16 -1	RFDS 16 - 5
Input Frequency	5MHz	5MHz
Output Frequency	1MHz	5MHz
Input Level	1V Pk to Pk (+3dBm)	1V Pk to Pk (+3dBm)
Output Level (all ports)	1V Pk to Pk (+3dBm)	1V Pk to Pk (+3dBm)
Input Output Impedance	50Ω	50Ω
Number of inputs	2 (A and B)	2 (A and B)
Number of output Ports	16	16
Output harmonic content	<-30dBc	<-30dBc
Input Threshold Level	>1.5dBm	>1.5dBm
Power Supply	230V AC +/- 10%	230V AC +/- 10%
<u>Mechanical</u>		
RF Input Connectors	BNC	BNC
RF Output Connectors	BNC	BNC
Power Supply Connector	Standard IEC Male	Standard IEC Male
Overall Dimensions	1U x 19" x 300mm	1U x 19" x 300mm

(RFDS 16-X)

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