

Frequency Standard Divider/Distribution unit “RFDS 016-X”



Specification:

The RFDS 016 – 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.

Electrical		
Parameter	Limits RFDS 016 –1	RFDS 016 - 5
Input Freq	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%
Mechanical		
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