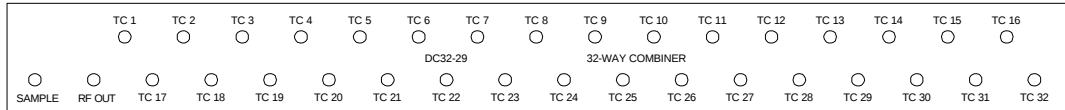




32-WAY COMBINER

MODEL DC32-29



Guaranteed Specifications

Parameter	Limits
Bandwidth	850 MHz to 900 MHz
Input Power	+33 dBm per input channel, continuous
Input Channels	32
Insertion Loss	29 dB max including 10 dB pad on each input port
Isolation	45 dB min. input port-to-port including pads
Amplitude Balance	± 0.5 dB max
Phase Balance	$\pm 45^\circ$ Max
Input VSWR	1.4:1 Max
Output VSWR	1.4:1 Max
Sample Port	-20 dBc nominal relative to common port output
Connectors	SMA female, nickel over brass, all on front panel
Size	1 RU, 5.25: Max depth

Note: All specifications apply in a 50 Ohm system at specified levels 25° C.

Maximum Ratings

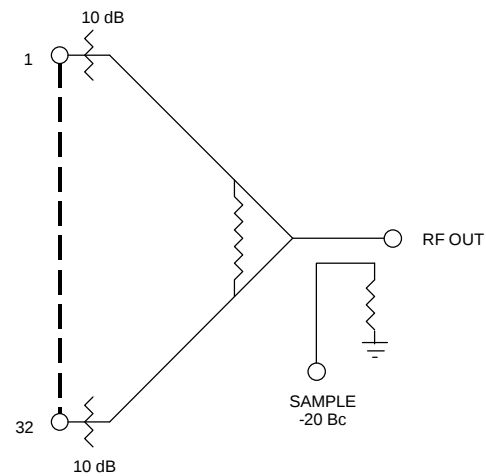
Input Power per port	+33 dBm Max
Temperature Range	0°C to +85°C

Reliability

All units are designed and constructed to meet or exceed specifications after exposure to any or all of the following MIL-STD-202 tests which are applicable.

Test	Method	Condition
Temperature Cycle	107G	A
Thermal Cycle	107G	AA
Seal	112E	D
Vibration	204D	A
Solderability	208F	
Terminal Strength	211A	A
Terminal Fatigue	211A	C
Mechanical Shock	213B	C

Block Diagram



All characteristics of Tele-Tech products may be modified to meet customer requirements.

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