



2-WAY IN-PHASE DIVIDER/COMBINER

MODEL DC20-28

Guaranteed Specifications

Parameter	Range	Limits
Frequency	10 kHz to 400 MHz	Min
Insertion Loss	10 kHz to 400 MHz	1.5 dB Max
Isolation	10 kHz to 100 MHz	20 dB Min
	100 MHz to 400 MHz	15 dB Min
Amplitude Balance	10 kHz to 400 MHz	.25 dB Max
Phase Balance	10 kHz to 400 MHz	3° Max
Impedance	50 Ohms	Nominal

Note: All specifications apply in a 50 Ohm system. 75 Ohm models are available.

Maximum Ratings

Input Power	1 Watt
Internal Dissipation	125 mW
Temperature Range	-54°C to +85°C

Reliability

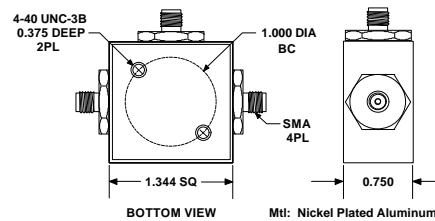
All units are designed and constructed to meet or exceed specifications after exposure to any or all of the following MIL-STD-202 tests which are applicable.

Test	Method	Condition
Temperature Cycle	107G	A
Thermal Cycle	107G	AA
Vibration	204D	A
Mechanical Shock	213B	C

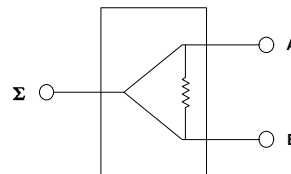
Features

- ♦ SMA Connectors
- ♦ >4 Decade Bandwidth
- ♦ <0.25 dB Midband Loss
- ♦ Excellent Balance

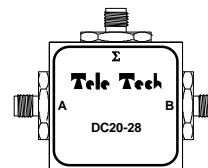
Outline Drawing



Block Diagram



Connections



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

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