



2-WAY IN-PHASE DIVIDER/COMBINER

MODEL DC26

Guaranteed Specifications

Parameter	Range	Limits
Frequency	100 kHz to 400 MHz	Min
Insertion Loss	100 kHz to 1 MHz	0.5 dB Max
	1 MHz to 200 MHz	0.75 dB Max
	200 MHz to 400 MHz	1 dB Max
Isolation	100 kHz to 1 MHz	15 dB Min
	1 MHz to 200 MHz	20 dB Min
	200 MHz to 400 MHz	20 dB min
Amplitude Balance	100 kHz to 1 MHz	0.15 dB Max
	1 MHz to 200 MHz	0.2 dB Max
	200 MHz to 400 MHz	0.3 dB Max
Phase Balance	100 kHz to 1 MHz	2° Max
	1 MHz to 200 MHz	3° Max
	200 MHz to 400 MHz	4° Max
Impedance	50 Ohms	Nominal
VSWR	100 kHz to 400 MHz	1.2:1 Max

Note: All specifications apply in a 50 Ohm system at 25°C. 75 Ohm models are available.

Maximum Ratings

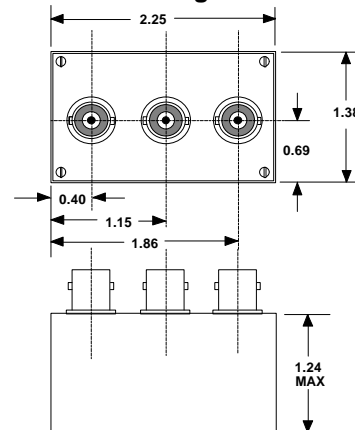
Input Power	1 Watt
Internal Dissipation	125 mW
Temperature Range	-40°C to +85°C

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.

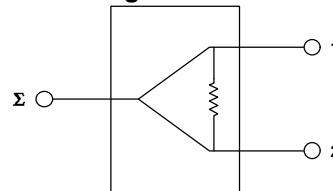
Test	Method	Condition
Temperature Cycle	107G	A
Thermal Cycle	107G	AA
Vibration	204D	A
Mechanical Shock	213B	C

Outline Drawing

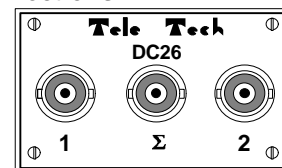


Weight (Approx.) 74 grams

Block Diagram



Connections



Ordering Information

DC26-B BNC Connectors
DC26-T TNC Connectors
Bracket mounts are available on request.

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

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