



4-WAY IN-PHASE DIVIDER/COMBINER

MODEL DC44-28

Guaranteed Specifications

Parameter	Range	Limits
Frequency	50-600 MHz	Min
Insertion Loss	50-600 MHz	0.75dB Max
Isolation	50-600 MHz	30dB Min
Amplitude Balance	50-600 MHz	0.2dB Max
Phase Balance	50-600 MHz	3° Max
VSWR Input port	50-600 MHz	1.5:1 Max
Output ports	50-600 MHz	1.4:1 Max
Impedance	50 Ohms	Nominal

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

Maximum Ratings

Input Power	5 Watt
Internal Dissipation	0.5 Watt
Temperature Range	-54°C to +85°C

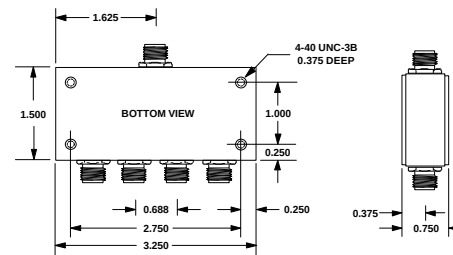
*Note: Do not operate with unterminated connectors

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.

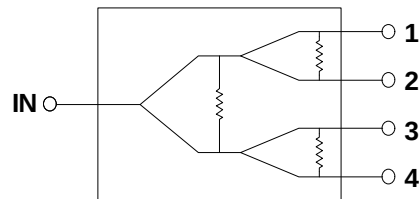
Test	Method	Condition
Temperature Cycle	107G	A
Thermal Cycle	107G	AA
Vibration	204D	A
Solderability	208F	
Terminal Strength	211A	A
Terminal Fatigue	211A	C
Mechanical Shock	213B	C

Outline Drawing

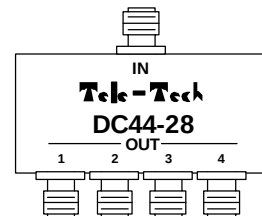


Weight (Approx.) 150 grams

Block Diagram



Connections



N Type Connectors – 5 Plcs

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

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