



2DY-20D70K 20.2 – 21.2 GHz 2-Way Power Divider/Combiner

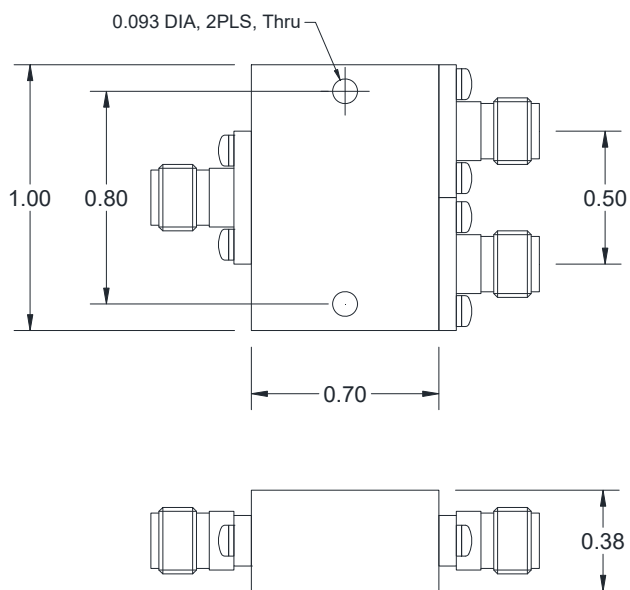
FEATURES

- ❖ Low VSWR
- ❖ High Isolation
- ❖ Small Package
- ❖ Light Weight



SPECIFICATIONS

20.2 – 21.2 GHz 2-Way Power Divider/Combiner	
Model Number	2DY-20D70K
Frequency Range	20.2 – 21.2 GHz
Insertion Loss	0.6 dB Typ., 0.80 dB Max.
Isolation	23 dB Typ., 20 dB Min.
Input VSWR	1.15:1 Typ., 1.25:1 Max.
Output VSWR	1.15:1 Typ., 1.25:1 Max.
Amplitude Balance	±0.10 dB Typ., ±0.20 dB Max.
Phase Balance	±2.0° Typ., ±4.0° Max.
Power Handling as Divider	30 W CW Max.
Impedance	50Ω
Connector Type	2.92 mm Female



Design to meet the following environmental specifications: (verification optional)

1. Operating Temp: -55°C to +85°C
2. Storage Temp: -65°C to +125°C
3. Shock: MIL-STD-202F, M213, Cond B
4. Altitude: MIL-STD-202F, M105, Cond B
5. Vibration: MIL-STD-202F, M204, Cond B
6. Thermal Shock: MIL-STD-202F, M107, Cond A
7. Temp. Cycle: MIL-STD-202F, M105C, Cond D
8. Humidity: MIL-STD-202F, M103, Cond B
(Optional with Hysol epoxy seal)

Standard Finishing

Housing: Rugged Conductive Aluminum Housing
Connector Housing: Passivated Stainless Steel
Connector Center PIN: Beryllium copper, Gold plated

Note:

1. Insertion loss refers to the sum of the output power to the input power
2. Standard connector is 2.92 mm female for all the ports
3. Power handling is under the condition that all the outputs are connected to the loads with 1.25:1 or better VSWR and the unit is mounted with excellent heat sink