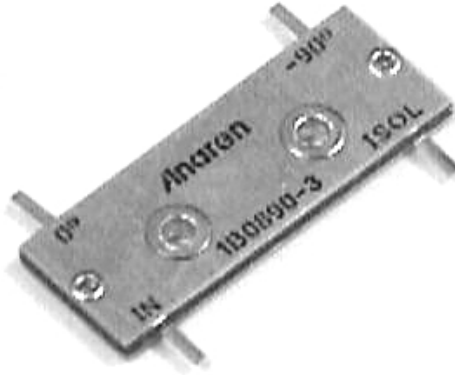


## Model 1B0890-3

### Hybrid Couplers 3 dB, 90°

#### Applications

- Microstrip Circuits
- Divider/Combiners
- Switch Networks
- Balanced Detectors
- Antenna Feeds



#### Features

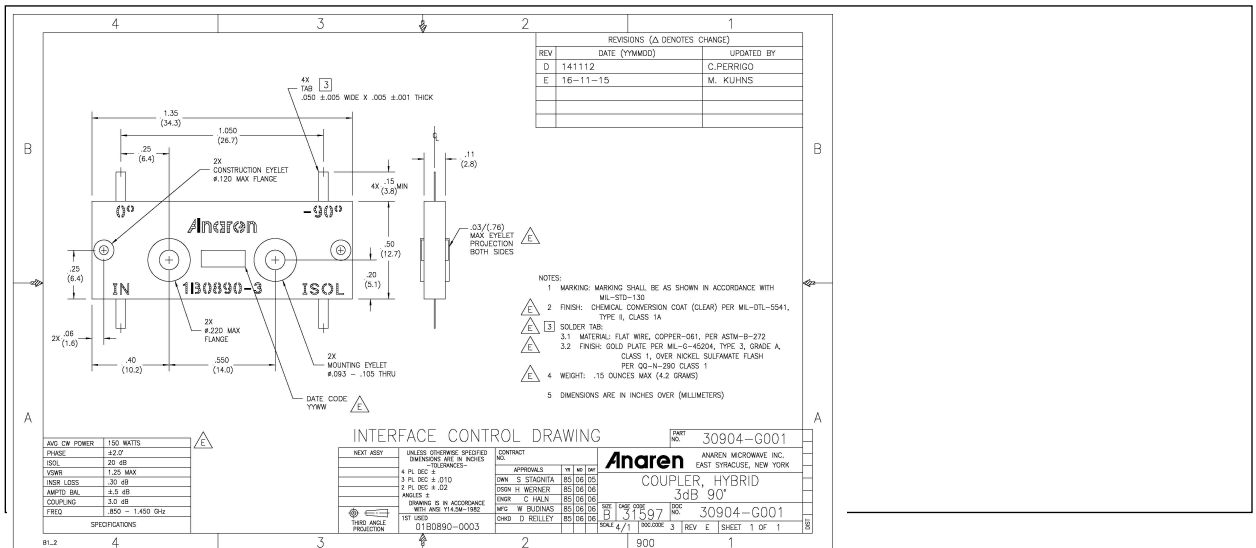
- Welded Tab Mount
- 2-Way Power Split
- Reliable Performance
- Handles 150 Watts

#### Electrical Specifications

| Frequency<br>GHz    | Isolation<br>dB Min/Typ   | Insert. Loss<br>dB Max | VSWR<br>Max : 1 |
|---------------------|---------------------------|------------------------|-----------------|
| 0.85 - 1.45         | 20/22                     | 0.30                   | 1.25/1.15       |
| Amp. Bal.<br>dB Max | Phase Bal.<br>Degrees Max | Power<br>Ave. CW Watts |                 |
| ±0.50               | ±2.0                      | 150                    |                 |

**Notes:** Electrical specifications apply only with properly designed test fixtures. Testing is done at ambient temperature only. Sample testing is performed to MIL-STD-105, Level 2, AQL 1.0. Test includes coupling, amplitude balance, insertion loss and isolation. If your application requires additional testing, consult Anaren Power rating applies when solder tab/coupler interface has been conformally coated. Impedance: 50 ohms. Meets MIL-E-5400 Class 3 requirements. Additional screening available for military and space applications.  
**Electrical and Mechanical Specifications subject to change without notice.**

#### Outline Drawing



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