



**P2RF35M-35M-00000**

**Description:**

Our 3.5mm products are high frequency test grade adapters. Premium stainless steel construction and Rexolite beads guarantee long service life. In-series adapters are used as precision connector savers or gender changers. Low VSWR and I.L. to 34 GHz; each adapter in stock is tested to assure product performance. (Test charts included) The versatility of these adapters deserves special recognition as they are mechanically compatible with the SMA and 2.92mm interfaces.

**Electrical:**

Frequency range.....	DC to 34 GHz
Impedance, Ohms .....	50 ± 1 ohm
VSWR.....	1.2:1 max to 34 GHz
Insertion Loss.....	.06 √F (GHz)
Velocity of Propagation .....	88%
Electrical Length .....	14.6mm
Delay.....	55.5ps

**Mechanical/Environmental:**

Operating temp. ....	-55C to +105C
Mating 500 min .....	MIL-STD-348
Interface .....	IEEE standard 257

**Materials and finish:**

Passivated stainless steel. ....	ASTM A484/A582
Rexolite Bead .....	1422 C-LEC Plastics
Center contact .....	Gold plated Brass

**VSWR Chart:**

