

**TMDC-01002650-15Z4 1-26.5GHz, 15dB, 4W, 3.5mm-Female**

**FEATURES**

- ❖ Wide Band Operation 1-26.5GHz
- ❖ Power Handle Capability up to 4W
- ❖ 15 dB Typical Coupling
- ❖ Low Insertion Loss

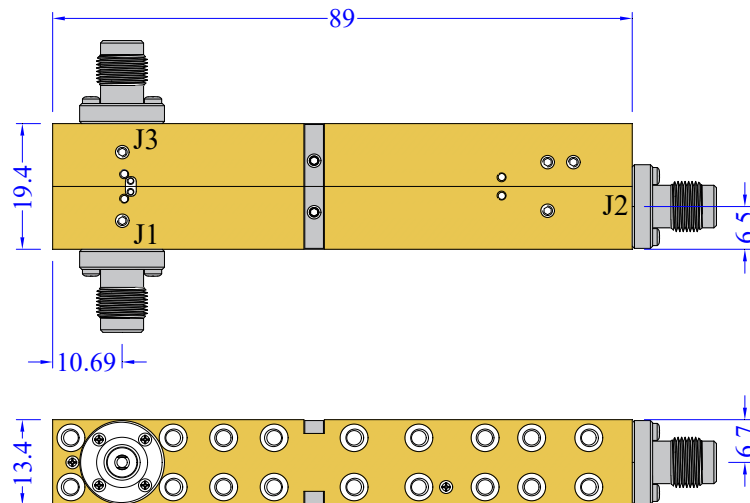
**APPLICATIONS**

- ❖ Frequency Measurements
- ❖ Signal Levelling, Signal Sampling
- ❖ Signal Injection
- ❖ Reflection Coefficient Measurements
- ❖ Measure incident and reflected power to determine VSWR

**SPECIFICATIONS(T=25°C)**

Parameters	Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Units
Frequency Range	1	-	8	8	-	18	18	-	26.5	GHz
Impedance	-	50	-	-	50	-	-	50	-	Ohms
Nominal Coupling	13	15	16.5	13	15	16.5	13	15	16.5	dB
Directivity	26	30	-	23	28	-	22	26	-	dB
Insertion Loss	0.2	-	0.4	0.4	-	0.5	0.5	-	0.6	dB
VSWR Primary	-	1.05	1.15	-	1.1	1.19	-	1.15	1.25	:1
VSWR Secondary	-	1.05	1.15	-	1.1	1.19	-	1.15	1.25	:1
Input Power	-	-	-	-	-	-	-	-	4	W
Max Input Power	-	-	-	-	-	-	-	-	6	W
Operating Temperature	-55°C~+85°C									
Storage Temperature	-60°C~+125°C									
Input/Output Connectors	3.5mm-Female									
Weight	200g max									
Housing Material	Gold Plated Brass									

**Outline Drawing** [mm[inch]]



Ports	Connector Type	Description	Details	Remarks
J1	3.5mm-Female	Input	DC-Block	-
J2	3.5mm-Female	Output	DC-Block	-
J3	3.5mm-Female	Coupling	DC-Block	-

Tolerances ±0.5[0.02]