

## Product features

High cost performance stable amplitude and phase cable components.

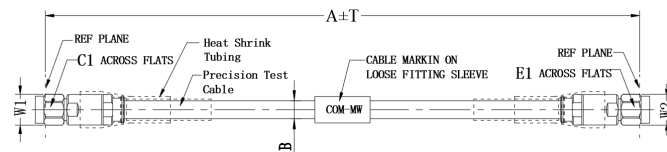
## Main specifications

| Items     | Frequency (G) | Min | Type | Max  | Units |
|-----------|---------------|-----|------|------|-------|
| Frequency |               | DC  | ~    | 26.5 | GHz   |
| IL        | DC-6          |     | 0.73 | 0.93 | dB    |
| IL        | 6-12          |     | 1.16 | 1.49 | dB    |
| IL        | 12-18         |     | 1.52 | 1.67 | dB    |
| IL        | 18-26.5       |     | 1.71 | 1.80 | dB    |
| VSWR      | DC-6          |     | 1.04 | 1.35 |       |
| VSWR      | 6-12          |     | 1.09 | 1.35 |       |
| VSWR      | 12-18         |     | 1.11 | 1.35 |       |
| VSWR      | 18-26.5       |     | 1.19 | 1.38 |       |

## Other parameters

|                |                                  |
|----------------|----------------------------------|
| Cable category | Stable amplitude and phase cable |
| Length         | 1000mm                           |
| Connector 1    | SMA-J Stainless steel            |
| Connector 2    | SMA-J Stainless steel            |
| Impedance      | 50Ω                              |
| Operation Temp | -40~+65°C Design assurance       |
| Storage Temp.  | -40~+65°C Design assurance       |

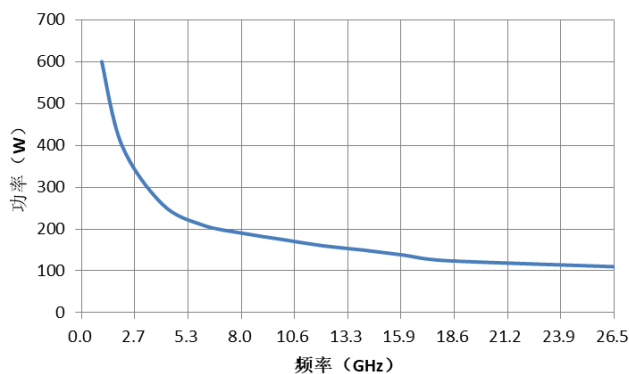
## Configuration



## Overall dimensions (mm)

|   |      |    |    |     |    |
|---|------|----|----|-----|----|
| A | 1000 | mm | C1 | 8.0 | mm |
| B | 5.2  | mm | E1 | 8.0 | mm |
| T | 20   | mm | W1 | 8.9 | mm |
|   |      |    | W2 | 8.9 | mm |

## Type power curve



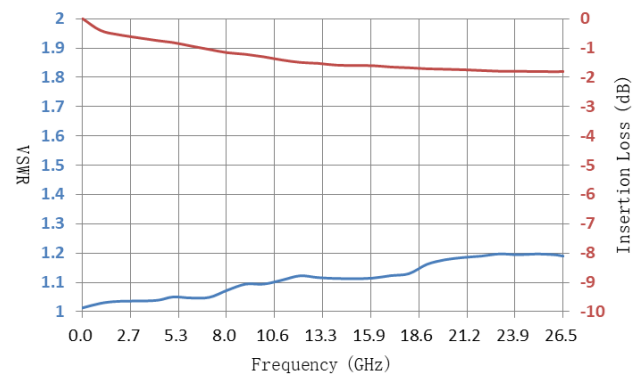
## Reference picture



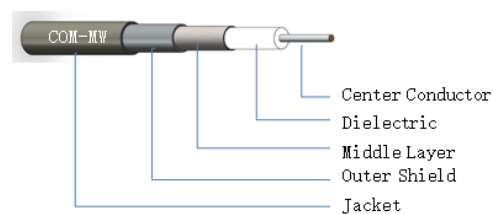
## Typical test data

| F (MHz) | IL (dB) | Input VSWR | Output VSWR |
|---------|---------|------------|-------------|
| 100     | 0.01    | 1.01       | 1.01        |
| 1000    | 0.40    | 1.03       | 1.02        |
| 2500    | 0.54    | 1.04       | 1.04        |
| 4000    | 0.73    | 1.05       | 1.06        |
| 5000    | 0.81    | 1.05       | 1.05        |
| 6000    | 0.93    | 1.06       | 1.07        |
| 7000    | 1.05    | 1.06       | 1.09        |
| 8000    | 1.16    | 1.07       | 1.10        |
| 9000    | 1.21    | 1.09       | 1.11        |
| 10000   | 1.30    | 1.09       | 1.11        |
| 12000   | 1.49    | 1.12       | 1.13        |
| 15000   | 1.60    | 1.11       | 1.14        |
| 18000   | 1.67    | 1.13       | 1.16        |
| 20000   | 1.72    | 1.18       | 1.18        |
| 26500   | 1.80    | 1.20       | 1.19        |

## Typical test curve



## Cable structure diagram



## Note

- Suggested installation radius greater than 36mm

Note: The specifications and performance data contained in this data sheet are based on tests established by COM-MW.