

## Product features

High cost performance stable amplitude and phase cable components.

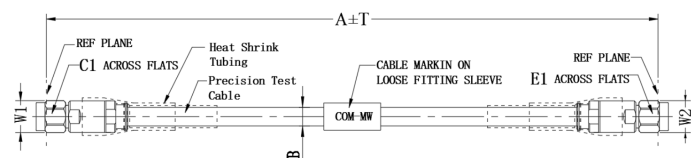
## Main specifications

| Items     | Frequency (G) | Min | Type | Max  | Units |
|-----------|---------------|-----|------|------|-------|
| Frequency |               | DC  | ~    | 18   | GHz   |
| IL        | DC-18         |     | 1.75 | 2.05 | dB    |
| VSWR      | DC-18         |     | 1.20 | 1.25 |       |

## Other parameters

|                 |                                  |
|-----------------|----------------------------------|
| Cable category  | Stable amplitude and phase cable |
| Length          | 2000mm                           |
| Connector 1     | SMA-M Stainless steel            |
| Connector 2     | SMA-M Stainless steel            |
| Impedance       | 50Ω                              |
| Operation Temp. | -40~+65°C Design assurance       |
| Storage Temp.   | -40~+65°C Design assurance       |

## Configuration



## Overall dimensions (mm)

|   |      |    |    |     |    |
|---|------|----|----|-----|----|
| A | 2000 | mm | C1 | 8.0 | mm |
| B | 7.8  | mm | E1 | 8.0 | mm |
| T | 20   | mm | W1 | 8.9 | mm |
|   |      |    | W2 | 8.9 | mm |

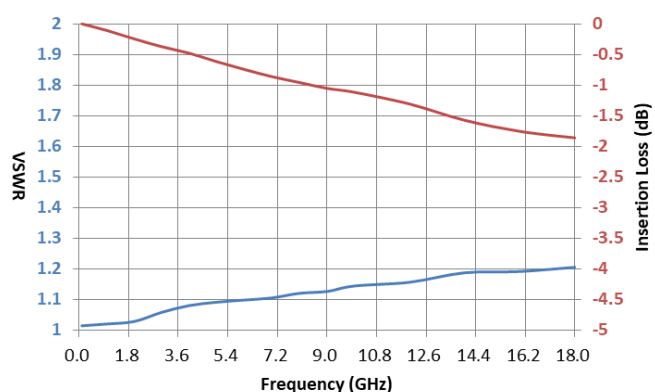
## Reference picture



## Typical test data

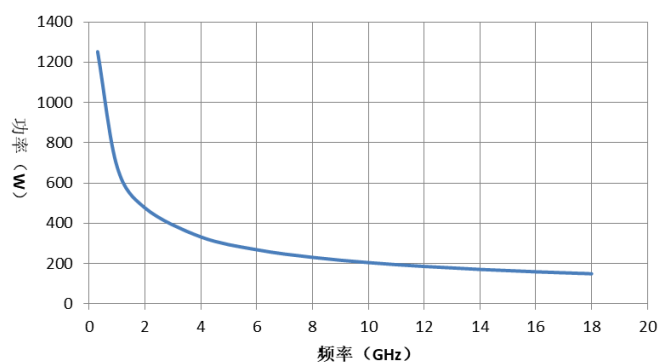
| F (MHz) | IL (dB) | Input VSWR | Output VSWR |
|---------|---------|------------|-------------|
| 100     | 0.01    | 1.01       | 1.01        |
| 1000    | 0.10    | 1.02       | 1.03        |
| 2000    | 0.21    | 1.03       | 1.04        |
| 3000    | 0.33    | 1.06       | 1.05        |
| 4000    | 0.48    | 1.08       | 1.05        |
| 5000    | 0.65    | 1.09       | 1.06        |
| 6000    | 0.74    | 1.1        | 1.08        |
| 7000    | 0.83    | 1.1        | 1.08        |
| 8000    | 0.86    | 1.12       | 1.09        |
| 9000    | 1.04    | 1.13       | 1.1         |
| 10000   | 1.12    | 1.15       | 1.12        |
| 12000   | 1.25    | 1.16       | 1.14        |
| 14000   | 1.45    | 1.19       | 1.17        |
| 16000   | 1.66    | 1.19       | 1.19        |
| 18000   | 1.74    | 1.21       | 1.2         |

## Typical test curve

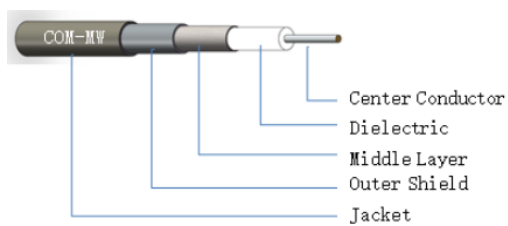


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

## Type power curve



## Cable structure diagram



## Note

- |   |                                       |
|---|---------------------------------------|
| 1 | Installation radius greater than 80mm |
|---|---------------------------------------|