

## Product features

High cost performance stable amplitude and phase cable components.

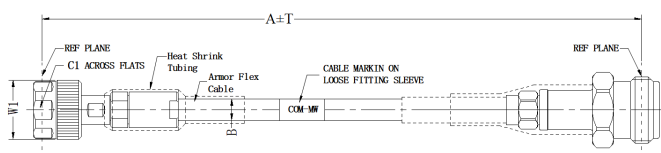
## Main specifications

| Items     | Frequency (G) | Min | Type | Max  | Units |
|-----------|---------------|-----|------|------|-------|
| Frequency |               | DC  | ~    | 18   | GHz   |
| IL        | DC-18         |     | 7.12 | 7.68 | dB    |
| VSWR      | DC-18         |     | 1.25 | 1.35 |       |

## Other parameters

|                 |                                  |
|-----------------|----------------------------------|
| Cable category  | Stable amplitude and phase cable |
| Length          | 7000mm                           |
| Connector 1     | N-M Stainless steel              |
| Connector 2     | N-K                              |
| Impedance       | 50Ω                              |
| Operation Temp. | -40~+65°C Design assurance       |
| Storage Temp.   | -40~+65°C Design assurance       |

## Configuration



## Overall dimensions (mm)

|   |      |    |    |      |    |
|---|------|----|----|------|----|
| A | 7000 | mm | C1 | 19   | mm |
| B | 5.2  | mm | W1 | 20.2 | mm |
| T | 70   | mm |    |      |    |

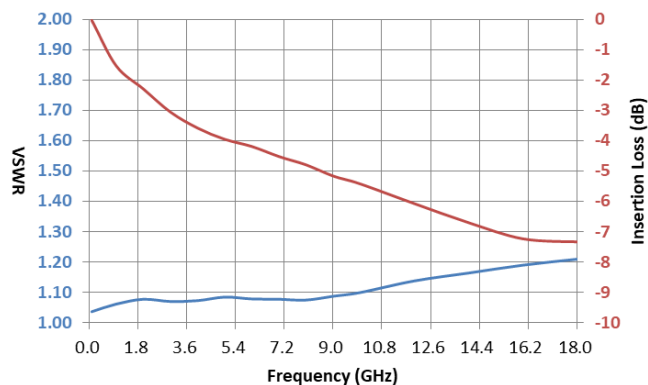
## Reference picture



## Typical test data

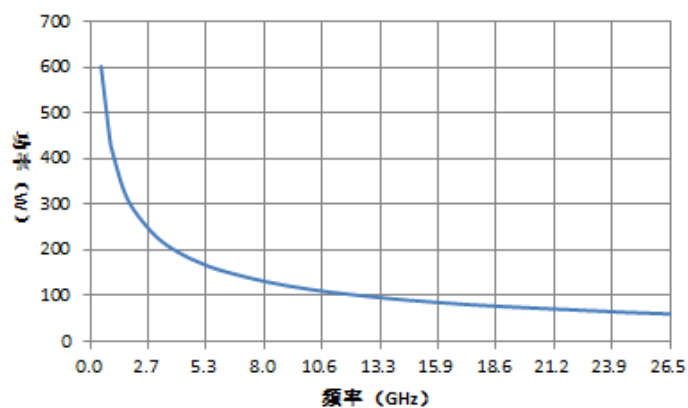
| 频率(MHz) | IL   | Input VSWR | Output VSWR |
|---------|------|------------|-------------|
| 100     | 0.06 | 1.04       | 1.03        |
| 1000    | 1.61 | 1.06       | 1.07        |
| 2000    | 2.24 | 1.08       | 1.06        |
| 3000    | 3.12 | 1.07       | 1.08        |
| 4000    | 3.56 | 1.08       | 1.07        |
| 5000    | 3.89 | 1.08       | 1.07        |
| 6000    | 4.22 | 1.08       | 1.08        |
| 7000    | 4.37 | 1.06       | 1.07        |
| 8000    | 4.8  | 1.08       | 1.08        |
| 9000    | 5.12 | 1.09       | 1.08        |
| 10000   | 5.49 | 1.1        | 1.11        |
| 11000   | 5.8  | 1.14       | 1.13        |
| 12000   | 6.1  | 1.14       | 1.13        |
| 13000   | 6.54 | 1.16       | 1.15        |
| 14000   | 6.63 | 1.18       | 1.18        |
| 15000   | 7.04 | 1.19       | 1.19        |
| 16000   | 7.19 | 1.19       | 1.19        |
| 17000   | 7.22 | 1.19       | 1.2         |
| 18000   | 7.32 | 1.2        | 1.2         |

## Typical test curve

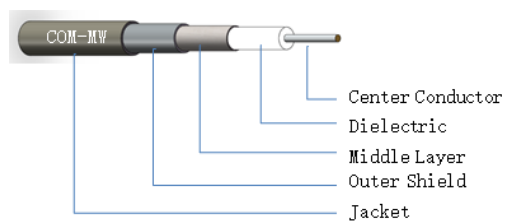


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

## Type power curve



## Cable structure diagram



## Note

- 1 Suggested installation radius greater than 36mm