

## Product features

High cost performance semi flexible cable components.

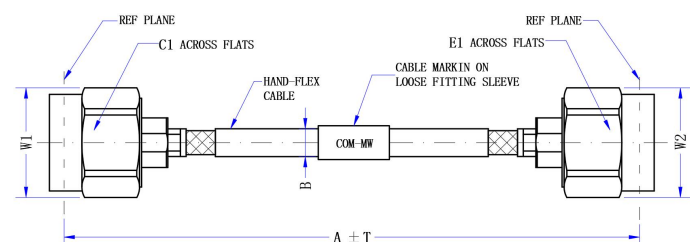
## Main specifications

| Items     | Frequency (G) | Min | Type | Max  | Units |
|-----------|---------------|-----|------|------|-------|
| Frequency |               | DC  | ~    | 18   | GHz   |
| IL        | DC-2          |     | 0.11 | 0.16 | dB    |
| IL        | 2-6           |     | 0.29 | 0.40 | dB    |
| IL        | 6-12          |     | 0.63 | 0.72 | dB    |
| IL        | 12-18         |     | 0.89 | 1.04 | dB    |
| VSWR      | DC-2          |     | 1.06 | 1.15 |       |
| VSWR      | 2-6           |     | 1.09 | 1.15 |       |
| VSWR      | 6-12          |     | 1.12 | 1.33 |       |
| VSWR      | 12-18         |     | 1.21 | 1.33 |       |

## Other parameters

|                 |                            |
|-----------------|----------------------------|
| Cable category  | Hand-Flex Cable            |
| Length          | 90mm                       |
| Connector 1     | N-M Stainless steel        |
| Connector 2     | N-M Stainless steel        |
| Impedance       | 50Ω                        |
| Operation Temp. | -40~+85°C Design assurance |
| Storage Temp.   | -40~+85°C Design assurance |

## Configuration



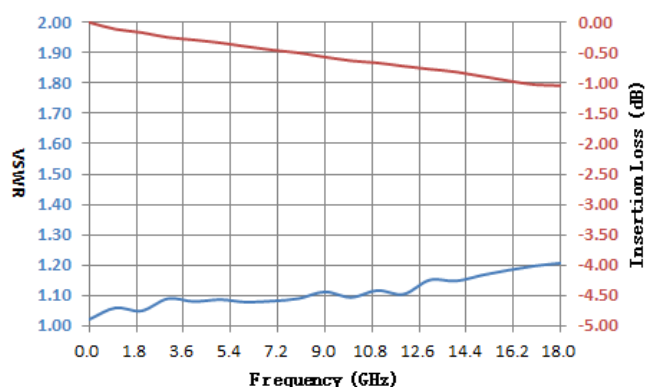
## Reference picture



## Typical test data

| F (MHz) | IL (dB) | Input VSWR | Output VSWR |
|---------|---------|------------|-------------|
| 100     | 0.05    | 1.03       | 1.02        |
| 1000    | 0.11    | 1.04       | 1.03        |
| 1500    | 0.16    | 1.06       | 1.04        |
| 2500    | 0.24    | 1.07       | 1.03        |
| 4000    | 0.29    | 1.07       | 1.06        |
| 5000    | 0.33    | 1.10       | 1.09        |
| 6000    | 0.40    | 1.10       | 1.11        |
| 7000    | 0.45    | 1.09       | 1.11        |
| 8000    | 0.50    | 1.09       | 1.13        |
| 9000    | 0.57    | 1.09       | 1.14        |
| 10000   | 0.63    | 1.11       | 1.15        |
| 12000   | 0.72    | 1.12       | 1.15        |
| 14000   | 0.82    | 1.14       | 1.18        |
| 16000   | 0.96    | 1.18       | 1.16        |
| 18000   | 1.04    | 1.22       | 1.18        |

## Typical test curve

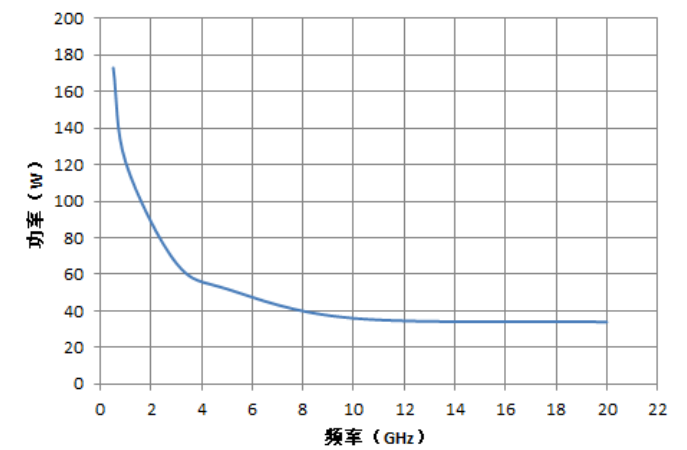


Note: The specifications and performance data contained in this data sheet are based on tests established by CMW.

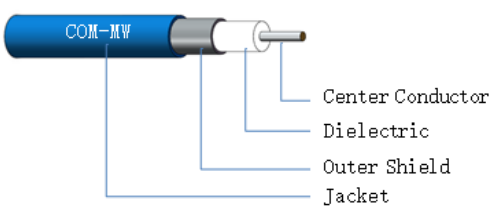
Overall dimensions (mm)

|   |     |    |    |      |    |
|---|-----|----|----|------|----|
| A | 90  | mm | C1 | 20.0 | mm |
| B | 4.2 | mm | E1 | 20.0 | mm |
| T | 1.1 | mm | W1 | 21.4 | mm |
|   |     |    | W2 | 21.4 | mm |

Type power curve



Cable structure diagram



Note

- 1

Suggested installation radius greater than 10mm

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