

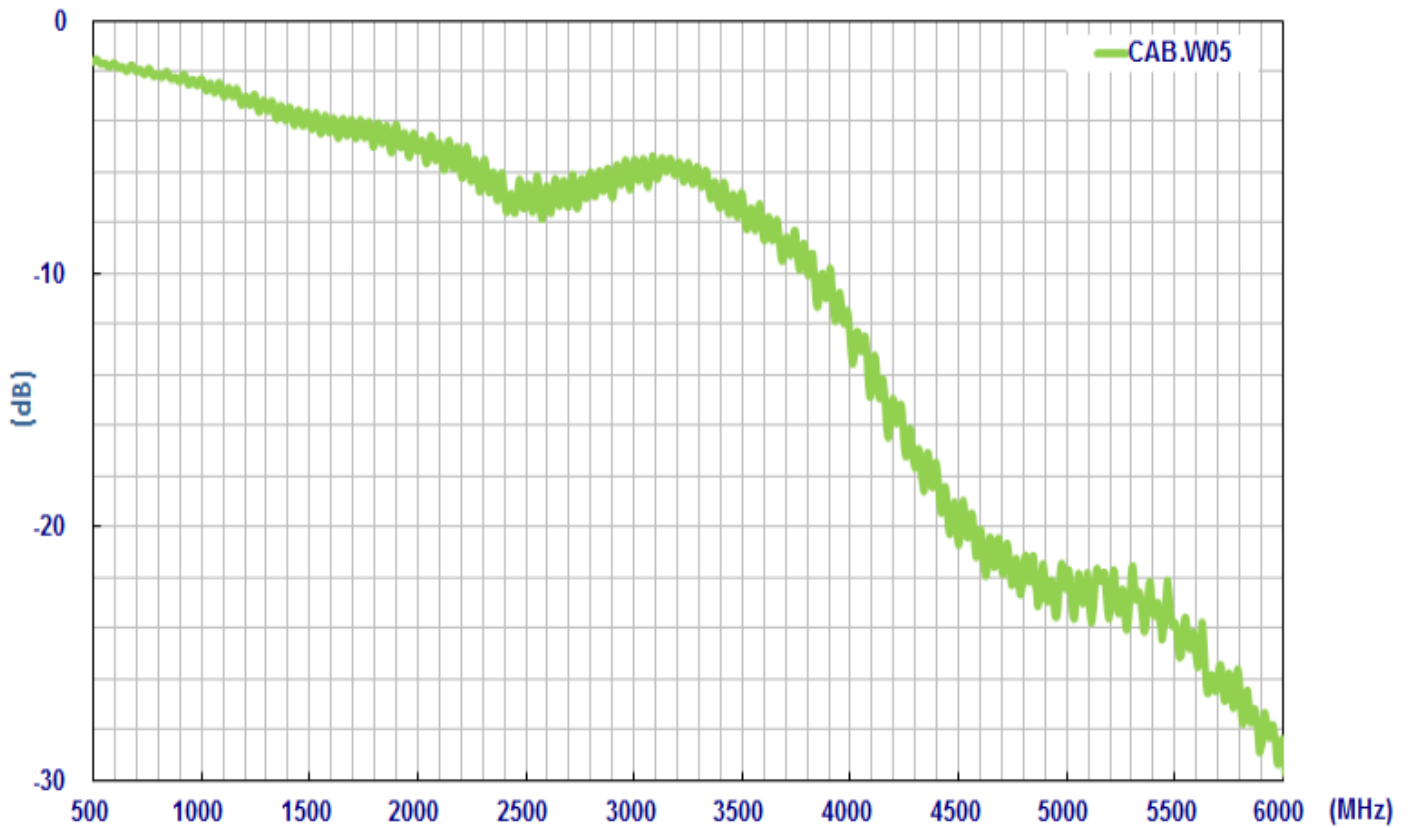
## SPECIFICATION

Part No. : **CAB.W05**  
Product Name : Taoglas Cable Assembly  
NMO Magnet Mount - 3/4 inch Hole Brass Mount type to  
SMA(M) Straight Plug  
with 3M CFD-200 cable

Photo :

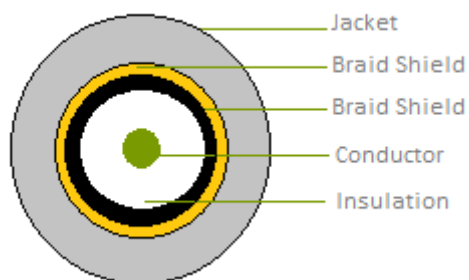


## 1. Cable Insertion Loss

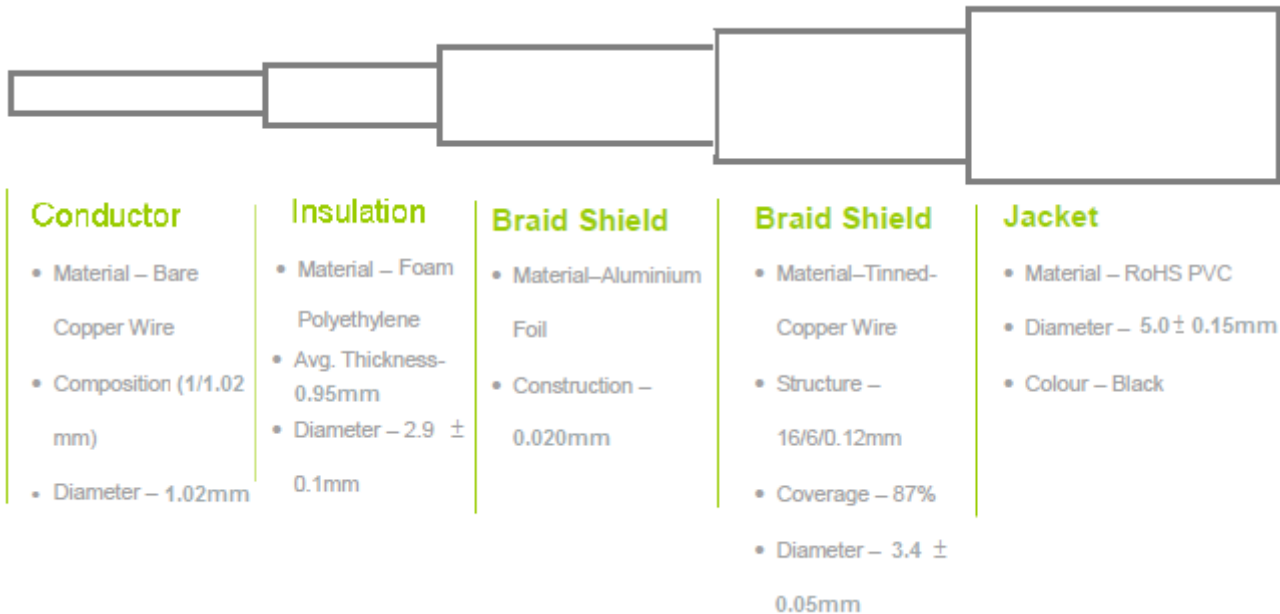


## 2. CFD-200 Cable Specification

### 2. Drawing – Cross Section



## 2.2 Structure and Dimensions

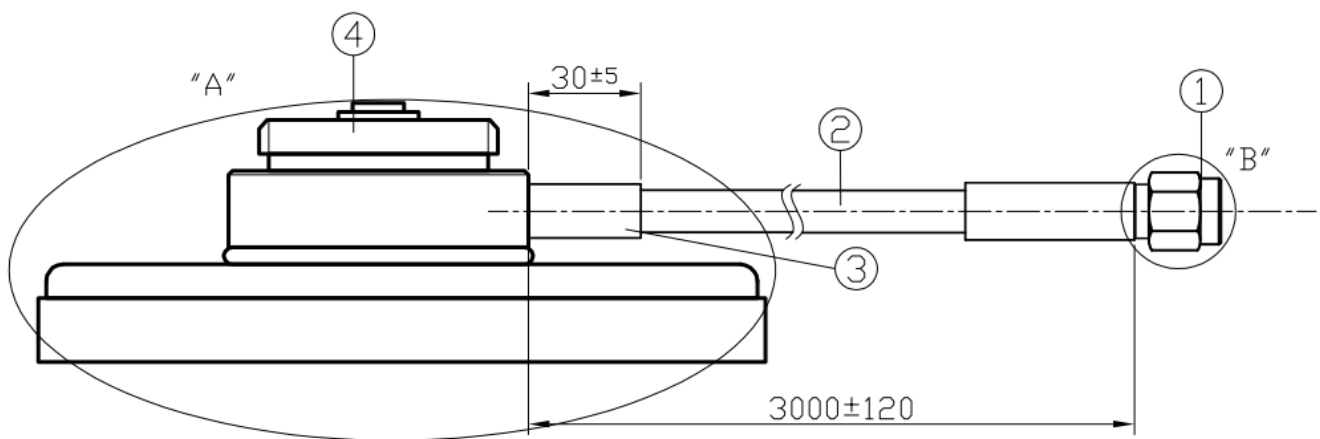


## 2.3 Electrical & Physical Specification

| ELECTRICAL            |                                                          |        |        |         |         |         |
|-----------------------|----------------------------------------------------------|--------|--------|---------|---------|---------|
| Attenuation           | 150MHz                                                   | 450MHz | 900MHz | 1500MHz | 1800MHz | 2500MHz |
| dB/100M               | 12.1                                                     | 21.6   | 31.2   | 41.1    | 45.3    | 54.4    |
| Insulation Resistance | 1000 MΩ-Km (Min)                                         |        |        |         |         |         |
| Capacitance           | 80.4 ± 3 pF/m                                            |        |        |         |         |         |
| Nom. Impedance        | 53 ± 3 Ω                                                 |        |        |         |         |         |
| MECHANICAL            |                                                          |        |        |         |         |         |
| Cable Type            | CFD-200 coaxial cable                                    |        |        |         |         |         |
| Cable length          | 3 Meters                                                 |        |        |         |         |         |
| Connector             | NMO Magnet Mount - 3/4 inch Hole Brass Mount type SMA(M) |        |        |         |         |         |
| Connector Max. Torque | 0.9N·m                                                   |        |        |         |         |         |
| Weight                | 300g                                                     |        |        |         |         |         |
| ENVIRONMENTAL         |                                                          |        |        |         |         |         |
| Temperature Range     | -40°C to 85°C                                            |        |        |         |         |         |
| Humidity              | Non-condensing 65°C 95% RH                               |        |        |         |         |         |

## 3. Technical Drawing

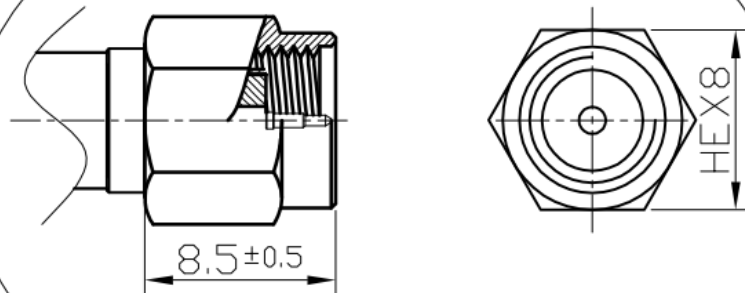
### 3.1 CAB.W05



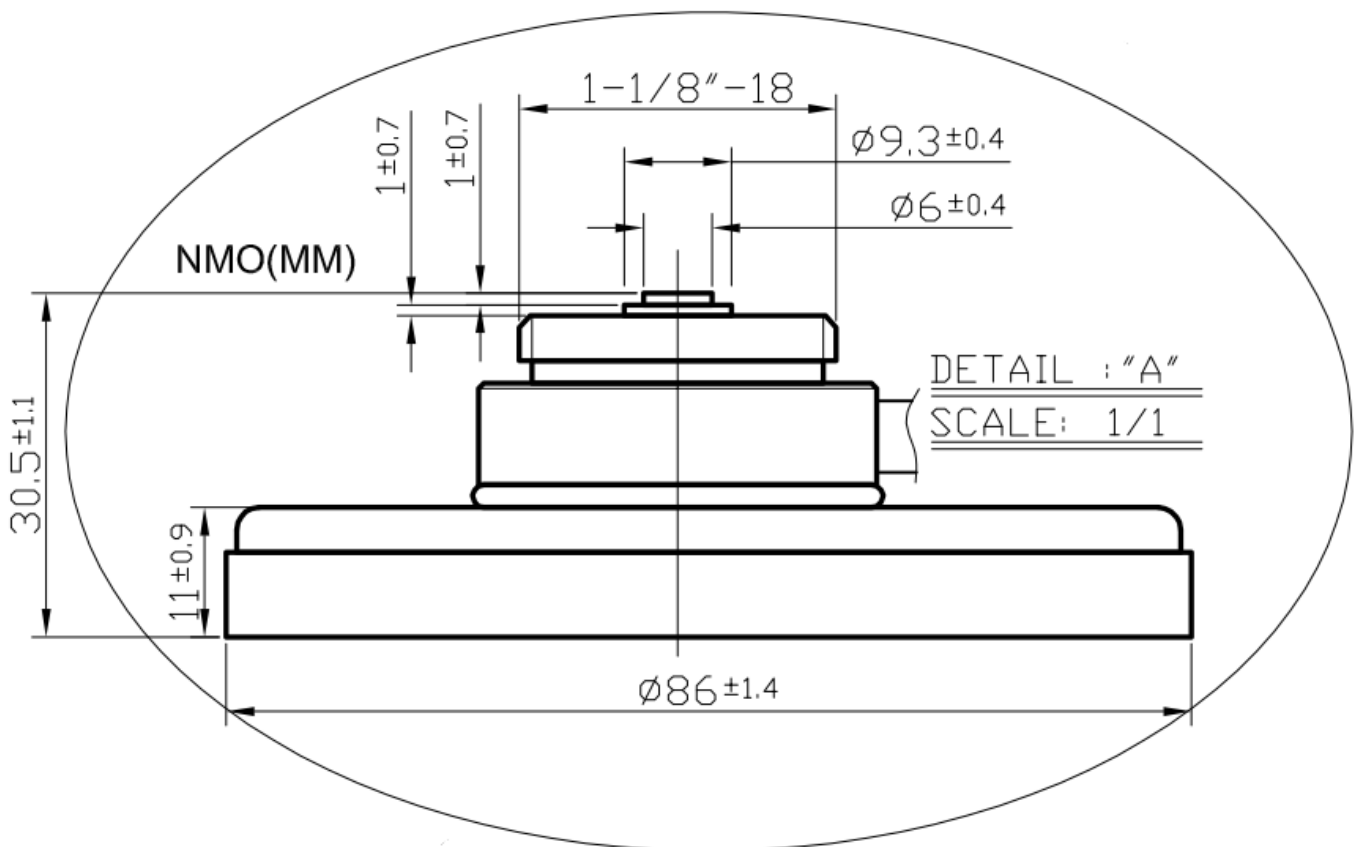
|   | Name                 | Material | Finish    | QTY |
|---|----------------------|----------|-----------|-----|
| 1 | SMA(M) ST            | Brass    | Gold      | 1   |
| 2 | CFD200 Coaxial Cable | PVC      | Black     | 1   |
| 3 | Heat Shrink Tube     | PE       | Black     | 1   |
| 4 | NMO(MM)              | Brass    | Ni Plated | 1   |

## 3.2 Connectors

SMA(M) ST



DETAIL : "B"  
SCALE: 2/1



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