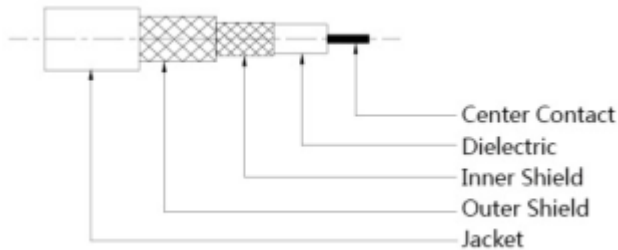


## ZT Series Test Cable Assembly → →

### ZT06S Series Ultra Flexible Test Cable Assembly

ZT06S (DC-6GHz) has stable performance, such as flexibility, long life span, low loss and stable phase. Usually, ZT06S is equipped with strengthened precision connector. It's an ideal product applied in lab test, frequent product line test, mobile base station, etc.



#### Cable Structure

**Center Contact:** silver plated copper wire

**Dielectric:** PTFE

**Inner Shield:** silver plated copper wire braid

**Outer Shield:** silver plated copper wire braid

**Jacket:** PVC



| Physical Characteristics                  |                                      |        |         |        |
|---|--------------------------------------|--------|---------|--------|
| Specification                             | mm                                   | inch   |         |        |
| Center Contact                            | 0.92                                 | 0.036  |         |        |
| Dielectric                                | 3.00                                 | 0.118  |         |        |
| Inner Shield                              | 3.50                                 | 0.138  |         |        |
| Outer Shield                              | 3.95                                 | 0.156  |         |        |
| Jacket                                    | 5.20                                 | 0.205  |         |        |
| Weight                                    | 0.062kg/m                            |        |         |        |
| Min Bending Radius (dynamic)              | 25.4mm                               |        |         |        |
| Durability                                | >5000                                |        |         |        |
| Working Temp.                             | -45°C ~ +85°C                        |        |         |        |
| Electrical Characteristics                |                                      |        |         |        |
| VSWR Max                                  |                                      | 1GHz   | 3GHz    | 6GHz   |
|   | SMA                                  | 1.06:1 | 1.10:1  | 1.15:1 |
|   | N                                    | 1.06:1 | 1.10:1  | 1.15:1 |
|   | BNC                                  | 1.10:1 | 1.15:1  | ---    |
| Impedance                                 | 50 ohms                              |        |         |        |
| Velocity                                  | 70%                                  |        |         |        |
| Screening Effectiveness                   | >80 dB                               |        |         |        |
| Bending Amplitude Stability               | $\leq \pm 0.03\text{dB}@6\text{GHz}$ |        |         |        |
| Bending Phase Stability                   | $\pm 1.5^\circ @6\text{GHz}$         |        |         |        |
| Attenuation(25°C)                         |                                      |        |         |        |
| Frequency (MHz)                           | dB/100ft                             |        | dB/100m |        |
| 100                                       | 3.96                                 |        | 13      |        |
| 400                                       | 7.92                                 |        | 26      |        |
| 1000                                      | 12.80                                |        | 42      |        |
| 3000                                      | 23.77                                |        | 78      |        |
| 5000                                      | 32.00                                |        | 105     |        |
| 6000                                      | 39.01                                |        | 128     |        |
| Power handling@25°C&Sea Level(cable only) |                                      |        |         |        |
| Frequency (MHz)                           | Watts                                |        |         |        |
| 100                                       | 980                                  |        |         |        |
| 400                                       | 490                                  |        |         |        |
| 1000                                      | 300                                  |        |         |        |
| 3000                                      | 180                                  |        |         |        |
| 5000                                      | 140                                  |        |         |        |
| 6000                                      | 120                                  |        |         |        |