



**SPECIFICATIONS OF 4.3/10 DIN CONNECTOR FOR 1/2" FLEXIBLE CABLE**  
**GELVO TELECOM RF MICROWAVE DEPT.**

日期: 2016.11

审核: *Yong Zhu*

Specification of 4.3/10 Male RF Connector For 1/2" Flexible Cable

4.3/10 Male for 1/2" Flexible Cable RF Connector is in accordance with IEC61169-54

1>.Electrical Characteristics:

| Item                            |                 | Specification                         |
|---------------------------------|-----------------|---------------------------------------|
| Model                           |                 | 43D/M-1/2"-CPHW                       |
| Impedance                       |                 | 50Ω                                   |
| Frequency Range                 |                 | 0~6 GHz                               |
| PIM                             |                 | ≤-165dBC@2X43dBm                      |
| Dielectric Resistance           |                 | ≥5000mΩ                               |
| Contact resistance              | Inner conductor | ≤1.00 mΩ                              |
|                                 | Outer conductor | ≤1.00 mΩ                              |
| Dielectric Withstanding Voltage |                 | ≥2500V RMS,50Hz                       |
| VSWR                            |                 | ≤1.10 (0~3000MHz) , ≤1.20 (3~6000MHz) |
| Mating Cycles                   |                 | 100 Cycles                            |

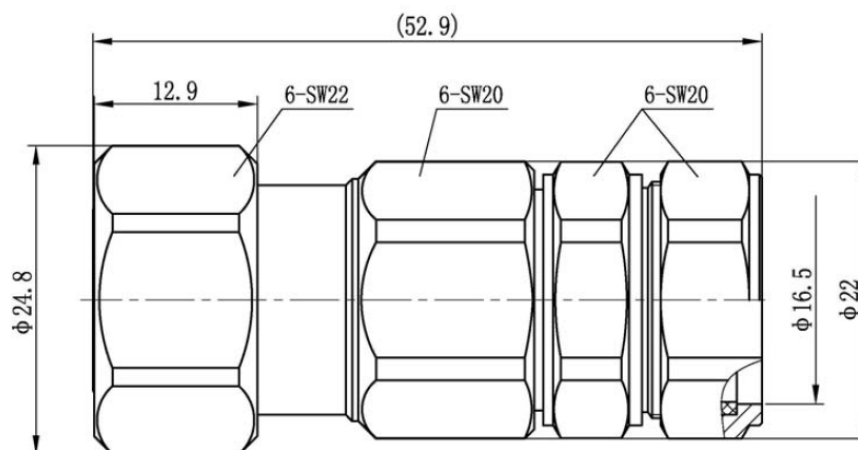
Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

2>.Working environment:

Working temperature : -40~+85℃

Relative moisture : 90%~95% (Temperature: 40±2℃)

Water-proof : IP 67



3>.Material and plating:

| Name of part    | Material             | Plating       |
|-----------------|----------------------|---------------|
| Outer Contact   | Brass                | Tri-Alloy     |
| Center Contact  | Phosphor bronze      | Silver Plated |
| Connecting Nut  | Brass                | Tri-Alloy     |
| Gasket          | Rubber               | /             |
| Insulator       | PTEF                 | /             |
| Rosh-compliance | Full ROHS compliance | /             |



**SPECIFICATIONS OF 4.3/10 DIN CONNECTOR FOR 1/2" SUPERFLEXIBLE CABLE**  
**GELVO TELECOM RF MICROWAVE DEPT.**

日期: 2016.11

审核: *Yong Zhu*

Specification of 4.3/10 Male RF Connector For 1/2" SuperFlexible Cable

4.3/10 Male for 1/2" SuperFlexible Cable RF Connector is in accordance with IEC61169-54

1>.Electrical Characteristics:

| Item                            |                 | Specification                         |
|---------------------------------|-----------------|---------------------------------------|
| Model                           |                 | 43D/M-1/2"SF-CPHW                     |
| Impedance                       |                 | 50Ω                                   |
| Frequency Range                 |                 | 0~6 GHz                               |
| PIM                             |                 | ≤-165dBC@2X43dBm                      |
| Dielectric Resistance           |                 | ≥5000mΩ                               |
| Contact resistance              | Inner conductor | ≤1.00 mΩ                              |
|                                 | Outer conductor | ≤1.00 mΩ                              |
| Dielectric Withstanding Voltage |                 | ≥2500V RMS,50Hz                       |
| VSWR                            |                 | ≤1.10 (0~3000MHz) , ≤1.20 (3~6000MHz) |
| Mating Cycles                   |                 | 100 Cycles                            |

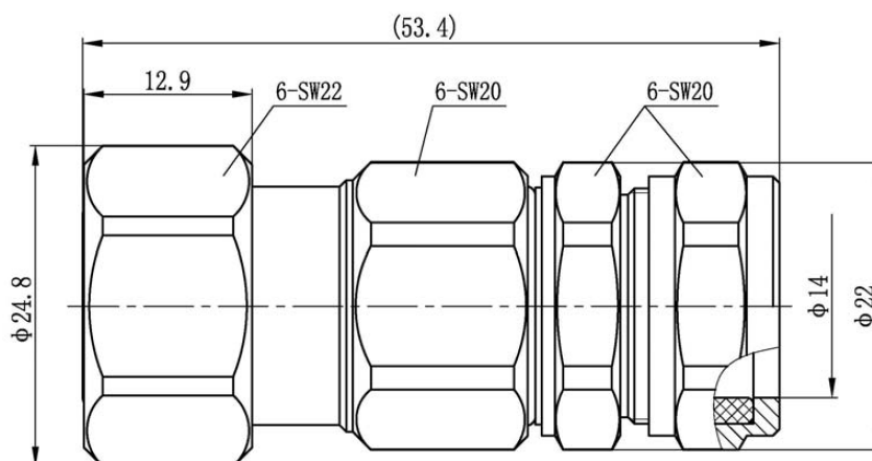
Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

2>.Working environment:

Working temperature : -40~+85℃

Relative moisture : 90%~95% (Temperature: 40±2℃)

Water-proof : IP 67



3>.Material and plating:

| Name of part    | Material             | Plating       |
|-----------------|----------------------|---------------|
| Outer Contact   | Brass                | Tri-Alloy     |
| Center Contact  | Phosphor bronze      | Silver Plated |
| Connecting Nut  | Brass                | Tri-Alloy     |
| Gasket          | Rubber               | /             |
| Insulator       | PTEF                 | /             |
| Rosh-compliance | Full ROHS compliance | /             |