

## DIN-Straight Connector for 1 1/4" feeder

| General Specification        |   |
|------------------------------|---|
| Conform to the standard      | IEC 169-4   |
| Interface                    | DIN male/female                                       |
| Part Number                  | <b>Male:</b> NW6-C1/4-DM / <b>Female:</b> NW6-C1/4-DF |
| Electrical Specification     |   |
| Impedance                    | 50Ω   |
| Operating Frequency          | DC-11GHz  |
| Insertion Loss               | ≤ 0.15Db  |
| VSWR(800MHz-2700MHz)         | <1.2  |
| Passive inter-modulation 3rd | <-150dBc (@2*20w)                                     |
| Withstand voltage            | >4000V  |
| Insulation resistance        | >10GΩ   |
| Inner Contact Resistance     | <0.4mΩ  |
| Outer Contact Resistance     | <1.5mΩ  |
| Mechanical Specification     |   |
| Interface Durability         | >500 cycles   |
| Center contact captivation   | >200N   |
| Torque resistance            | >30Nm   |
| Tensile resistance           | >500N   |
| Materials &Plating           |   |
| Inner Conductor              | Phosphor bronze, silver plated                        |
| Outer Conductor              | Brass, Tri-alloys plated                              |
| Gaskets                      | Silicone rubber                                       |
| Insulator                    | PTFE  |
| Environmental Specification  |   |
| Immersion Test Method        | IEC 529:1989, IP68                                    |
| Immersion depth              | 1m  |
| Vibration Test Method        | IEC 68, Part 2-6                                      |
| Operating temperature        | -40°C ~ +125°C  |
| Corrosion                    | IEC 68, part 2-1, test Ka,96hrs                       |

# N-Wave

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## Connector Drawing and Picture

