



# InfiConnect RG6 Compression Connector for Dual Shield



## Applicable Standards

- **NEC:** National Electrical Code for Safe Installations
- **RoHS:** Restriction of Hazardous Substances compliance
- **TIA-568.6-D:** Coaxial Cable Systems in commercial building telecommunications cabling.
- **IEC 61169-24:** Specifications for coaxial connectors.

## Product Part Number

N221.ICRG6CD

## Product Description

The InfiConnect RG6 Compression Connector is designed for use with RG6 Dual Shield cables, ensuring superior signal integrity and durability. This nickel-plated brass connector is ideal for both residential and commercial applications. It is engineered for easy installation, with a robust design that meets industry standards for performance and safety.

## Product Features

- **Impedance :** 75Ω impedance for optimal signal integrity.
- **Waterproof Ring :** Includes a sealing ring for moisture protection.
- **Nickel-Plated Brass Body:** Ensures corrosion resistance and durability.
- **Mechanical Durability :** Up to 500 mating cycles for long-lasting performance.
- **Compatible with RG6 Dual Shield Cables :** Designed specifically for RG6 cables with a dielectric diameter range of 4.57 mm to 4.70 mm.



## Material Specifications

|                          |   |
|--------------------------|---|
| Connector Type           | RG6 Compression Connector for Dual Shield |
| Impedance                | 75Ω (for signal integrity)                |
| Connector Body           | Nickel-plated brass                       |
| Waterproof Ring          | Yes, for moisture protection              |
| Thread Type              | 3/8" x 32 UNEF                            |
| Finish                   | Nickel Plating for Corrosion Resistance   |
| Voltage Rating           | 170V Max, 50Hz                            |
| Mechanical Durability    | ≥500 Mating Cycles                        |
| Contact Resistance       | Less than 5 Ohms                          |
| Dielectric Compatibility | Diameter range 4.57 mm to 4.70 mm         |
| RoHS Compliance          | Yes                                       |
| Packaging                | Individual / 50 pcs Pack                  |

## Environmental Specifications

|                   |                    |                |
|-------------------|--------------------|----------------|
| Temperature range | Storage & shipping | -40°C to +85°C |
|                   | Installation       | -10°C to +60°C |
|                   | Operation          | -40°C to +85°C |

## Ordering Information

|                 |  |
|-----------------|--|
| N221.ICRG6CD    | InfiConnect RG6 Compression Connector for Dual Shield              |
| N221.ICRG6CD-50 | InfiConnect RG6 Compression Connector for Dual Shield - Pack of 50 |



# InfiConnect RG6 Compression Connector for Dual Shield

## Shipping Information

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| Item    | Dimension       |
|---------|-----------------|
| Product | Length : 30.0mm |

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