

## DATASHEET

### PRODUCT SPECIFICATIONS

|                        |              |
|------------------------|--------------|
| Interface              | N            |
| Standard               | MII-STD-348A |
| Gender                 | Male         |
| Geometry               | Right angle  |
| Panel mounting feature | -            |

### ELECTRICAL SPECIFICATIONS

|                                 |                        |
|---------------------------------|------------------------|
| Impedance                       | 50 $\Omega$            |
| Frequency range                 | dc – 11 GHz            |
| VSWR                            | $\leq 1.30$ @ 6 GHz    |
| Working voltage                 | 500 V <sub>RMS</sub>   |
| Dielectric withstanding voltage | 1500 V <sub>RMS</sub>  |
| Insulation resistance           | $\geq 5000$ M $\Omega$ |



### MECHANICAL SPECIFICATIONS

|                           |                   |
|---------------------------|-------------------|
| Durability                | $\geq 500$ mating |
| Weight                    | 36.2 g            |
| Center contact attachment | Solder            |
| Outer contact attachment  | Crimp             |

### MATERIAL SPECIFICATIONS

| COMPONENT      | MATERIAL | PLATING |
|----------------|----------|---------|
| Body, Nut      | Brass    | Nickel  |
| Center contact | Brass    | Gold    |
| Ferrule        | Brass    | Nickel  |
| Insulator      | PTFE     | -       |

### ENVIRONMENTAL SPECIFICATIONS

|                   |               |
|-------------------|---------------|
| Temperature range | -55 / +125 °C |
| IP rating         | -             |

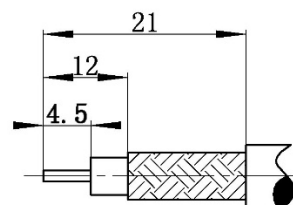
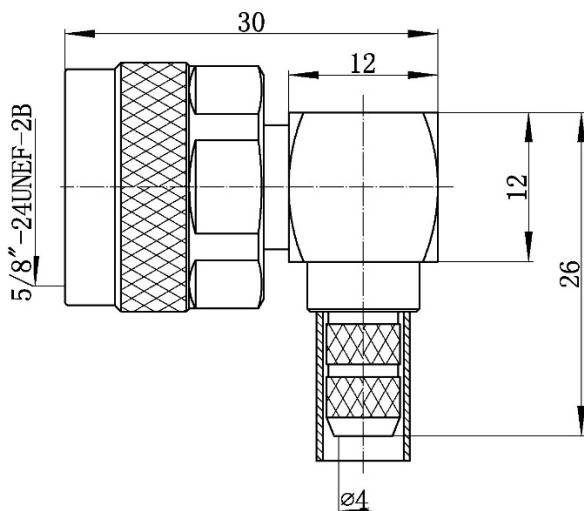


### CABLE GROUP

RG8X / LMR240

### DRAWING

Unit: mm



Recommended Cable Stripping Dimension