

# MICROWAVE TEST ASSEMBLIES, N (male), N (male), 50 Ohm, 8 GHz, 2000mm

TL-8A-11N-11N-02000-51

## Properties

- Applicable up to 8 GHz
- High flexibility in spite of armouring



| Product configuration        |                                                               |
|------------------------------|---------------------------------------------------------------|
| Type of cable                | TL-8A                                                         |
| Type description connector A | 11_N-50-4-21/133_N                                            |
| Series connector A           | N, straight - plug                                            |
| Type description connector B | 11_N-50-4-21/133_N                                            |
| Series connector B           | N, straight - plug                                            |
| Armour                       | A-Armour blue SF 103/104/126/TL-8A, 85°C, Ø10.2mm, PUR jacket |
| Length                       | 2000 mm                                                       |
| Length type                  | REF to REF                                                    |

| Electrical data          |               |
|--------------------------|---------------|
| Impedance                | 50 Ω          |
| Max. operating frequency | 8 GHz         |
| Min. return loss         | 20 dB         |
| VSWR max                 | 1.222         |
| Max. insertion loss      | 2.85 dB       |
| Signal delay             | 4.12 ns/m     |
| Propagation velocity     | 81 %          |
| CW Power at 40°          | 50 W at 8 GHz |

| Mechanical data       |         |
|-----------------------|---------|
| Weight                | 0.4 kg  |
| Cable diameter        | 10.3 mm |
| Static bending radius | 55 mm   |

| Environmental data    |                  |
|-----------------------|------------------|
| Operation temperature | -40 °C ... 85 °C |

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| Material compliance |                                   |                          |                      |
|---------------------|-----------------------------------|--------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                   | Exemptions / Details |
| 84236774            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption | 6c                   |

**Comment**

Test assembly for indoor applications (Test and Measurement) consisting of a high flexible PE foamed cable with armouring protection and 2x N male straight connectors for frequency up to 8.0 GHz.

**Ordering information**

| Item number | Item description       |
|-------------|------------------------|
| 84236774    | TL-8A-11N-11N-02000-51 |

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