

RF Cable Assembly

TL-8A-11N-11N-03000-51 Item: 85014502

Description

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



Product Configuration

| | | | |
|------------------------------|---|------|----------|
| Cable | TL-8A | | |
| Type Description Connector A | 11_N-50-4-21 | | |
| Series Connector A | N | plug | straight |
| Type Description Connector B | 11_N-50-4-21 | | |
| Series Connector B | N | plug | straight |
| Armour | Steel wire spring, steel braid, TPU jacket blue | | |
| Length | 3000 mm REF to REF | | |

Technical Data

| Electrical Data | |
|---------------------------------|------------------------|
| Impedance | 50 Ω |
| Operating Frequency (max.) | 8 GHz |
| Return Loss (min.) | -20 dB VSWR : 1.222 |
| Insertion Loss (max) | 4.25 dB |
| Signal delay | 4.12 ns/m |
| Velocity of propagation | 81 % |
| CW power (at 40°C) | 50 W at 8 GHz |
| Amplitude stability vs. Flexure | ±0.2 dB |
| Phase stability vs. Flexure | 2.5 ° / GHz |
| Mechanical Data | |
| Diameter cable | 10.3 mm |
| Bending radius static (min.) | 55 mm |
| Weight | 0.53 kg |
| Environmental Data | |
| Operating temperature | -40 °C to + 85 °C |
| 2011/65/EU (RoHS) | compliant |
| 2012/19/EU (WEEE) | relevant |
| 2006/1907/EC (REACH) | compliant |