

# MICROWAVE TEST ASSEMBLIES, SMA (male), N (male), 50 Ohm, 18 GHz, 36in

ST18/SMAM/Nm/36in

## Properties



| Product configuration        |                      |
|------------------------------|----------------------|
| Type of cable                | SUCOTEST_18          |
| Type description connector A | SF_11_SMA-373        |
| Series connector A           | SMA, straight - plug |
| Type description connector B | SF_11_N-372          |
| Series connector B           | N, straight - plug   |
| Length                       | 914 mm               |
| Length                       | 36 inch              |
| Length type                  | REF to REF           |
| Electrical data              |                      |
| Impedance                    | 50 $\Omega$          |
| Max. operating frequency     | 18 GHz               |
| Min. return loss             | 19 dB                |
| VSWR max                     | 1.253                |
| Max. insertion loss          | 1.56 dB              |
| Signal delay                 | 4.3 ns/m             |
| Propagation velocity         | 77 %                 |
| CW Power at 40°              | 131 W at 18 GHz      |
| Mechanical data              |                      |
| Weight                       | 0.09 kg              |
| Cable diameter               | 4.6 mm               |
| Static bending radius        | 13 mm                |
| Environmental data           |                      |
| Operation temperature        | -55 °C ... 105 °C    |

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| Material compliance |                                   |                                 |                      |
|---------------------|-----------------------------------|---------------------------------|----------------------|
| Item number         | Directive / Regulation            | Rating                          | Exemptions / Details |
| 84004594            | RoHS 2011/65/EU and (EU) 2015/863 | Compliant with exemption        | 6c                   |
|                     | REACH 1907/2006 Article 33 SVHC   | Contains one or more SVHC >0,1% | CAS: 7439-92-1 Lead  |

**Comment**

The test lead up to 18 GHz - for the highest standard of measurement

**Ordering information**

| Item number | Item description  |
|-------------|-------------------|
| 84004594    | ST18/SMAm/Nm/36in |

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