

MICROWAVE TEST ASSEMBLIES, 2.92mm (male), 2.92mm (male), 50 Ohm, 40 GHz, 24in

SF540E/11SK/11SK/24in

Properties

- Applicable up to 40 GHz
- High phase- and amplitude stability with flexure and movement
- Excellent insertion and return loss
- Precise and repeatable measurements
- Long life time - lower measurement cost



| Product configuration | |
|------------------------------|---------------------|
| Type of cable | SUCOFLEX_540_E |
| Type description connector A | SF_11_SK-506 |
| Series connector A | SK, straight - plug |
| Series connector B | SK, straight - plug |
| Length | 610 mm |
| | 24 inch |
| Length type | REF to REF |

| Electrical data | |
|---------------------------------|-------------|
| Impedance | 50 Ω |
| Max. operating frequency | 40 GHz |
| Max. insertion loss | 2.08 dB |
| Signal delay | 4.3 ns/m |
| Propagation velocity | 77 % |
| Min. screening effectiveness | 90 dB |
| Max. screening frequency | 18 GHz |
| Amplitude stability vs. flexure | +/- 0.1 dB |
| Phase stability vs. flexure | +/- 8 ° |

| Mechanical data | |
|-----------------------|--------|
| Cable diameter | 4 mm |
| Static bending radius | 12 mm |
| Flexing cycles | 100000 |

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

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| Ordering information | |
|----------------------|-----------------------|
| Item number | Item description |
| 85207914 | SF540E/11SK/11SK/24in |

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