

MINIBEND L2SR-12, SMP (female), (SMP) female, low-loss, 50 Ohm, 18 GHz, 12 in, 304.8 mm

MINIBEND L2SR-12

Properties

- Applicable up to 18 GHz
- Part of the "bend-to-the-end" MINIBEND product family
- Direct replacement for 086 size Semi-Rigid cables
- Compliant to MIL-DTL-17 (cable) and MIL-PRF-39012 (connectors)
- Solderless cable junction
- Low loss PTFE dielectric



| Product configuration | |
|------------------------------|----------------------|
| Type of cable | MINIBEND LR (32024E) |
| Type description connector A | 29473CR-32-24-1 |
| Series connector A | SMP, straight - jack |
| Type description connector B | 29473CR-32-24-1 |
| Series connector B | SMP, straight - jack |
| Length | 304.8 mm |
| Length | 12 inch |
| Length type | REF to REF |

| Electrical data | |
|--------------------------|-------------|
| Impedance | 50 Ω |
| Max. operating frequency | 18 GHz |
| VSWR max | 1.5 |
| Propagation velocity | 76 % |

| Electrical Data (frequency related) | | | |
|-------------------------------------|-------------|----------|----------------|
| Frequency range | Return loss | VSWR max | Insertion loss |
| 0 GHz ... 2 GHz | 19.08 dB | 1.25 | 0.43 dB |
| 2 GHz ... 12.4 GHz | 16.54 dB | 1.35 | 1.01 dB |
| 12.4 GHz ... 18 GHz | 13.98 dB | 1.5 | 1.31 dB |

| Mechanical data | |
|------------------------|----------|
| Cable diameter | 2.64 mm |
| Static bending radius | 5.08 mm |
| Dynamic bending radius | 15.24 mm |

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| Environmental data | |
|-----------------------|-------------------|
| Operation temperature | -55 °C ... 125 °C |

| Ordering information | |
|----------------------|------------------|
| Item number | Item description |
| 80377582 | MINIBEND L2SR-12 |

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