

# MINIBEND L2SR-3, SMP (female), (SMP) female, low-loss, 50 Ohm, 18 GHz, 3 in, 76.2 mm

## MINIBEND L2SR-3

### 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                       | 76.2 mm              |
| Length                       | 3 inch               |
| Length type                  | REF to REF           |

### Electrical data

|                          |             |
|--------------------------|-------------|
| Impedance                | 50 $\Omega$ |
| 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     | 0.21 dB        |
| 2 GHz ... 12.4 GHz  | 16.54 dB    | 1.35     | 0.46 dB        |
| 12.4 GHz ... 18 GHz | 13.98 dB    | 1.5      | 0.64 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  |
| 80365508              | MINIBEND L2SR-3   |

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