

Specification Sheet

< 15dB Directional Coupler >

Part No.: PL-CDC160M1SPSP

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|-----------------|---------------------|
| Date | 2016. 11. 30. |
| Spec. Sheet No. | SPL-CDC160M1SPSP_R1 |

Revision History

| Authors | Date | Revision | Notes |
|---------|-------------|----------|-------------|
| PY LEE | 2016.11.30. | 1.0 | First Issue |
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|------------|-------------|
| Written by | Approved by |
| PY LEE | DK BAEK |

1. Electrical Specifications

| Parameter | Specification | Remark |
|-----------------|---------------|--------|
| Frequency Range | 120~200MHz | |
| Insertion Loss | 1.0dB max | |
| Return Loss | 15.0dB min | |
| Coupling Value | 15±1.5dB min | |
| Flatness | 0.3dB min | |
| Directivity | 15.0dB min | |
| Input Power | 23dBm | |
| Impedance | 50 Ω | |

2. Mechanical Specifications

| Parameter | Specification | Remark |
|-------------------|---|-----------|
| Dimension (WxDxH) | 40X35X12.8(mm) / without connector | |
| Connector | SMD type | |
| Finish | Clear chemical film per MIL-C-5541, Class 3 | Baseplate |
| Weight | - | |

3. Environmental Specifications

| Parameter | Specification | | Remark |
|-------------|---------------|---------------|--------|
| Temperature | Operating | Non-Operating | |
| | -10°C ~ +60°C | -30°C ~ +85°C | |

4. Outline Drawing

