# DESIGN & MATERIAL PROCESSING TECHNOLOGIES

센서뷰의 꿈이 전세계 5G 생태계의 DNA가 되고,
센서뷰가 가는 길이 전세계 5G가 가야할 길이 되도록,
세상에 없던 창의적인 기술 개발을 위해,
센서뷰는 끊임없이 도전하겠습니다.

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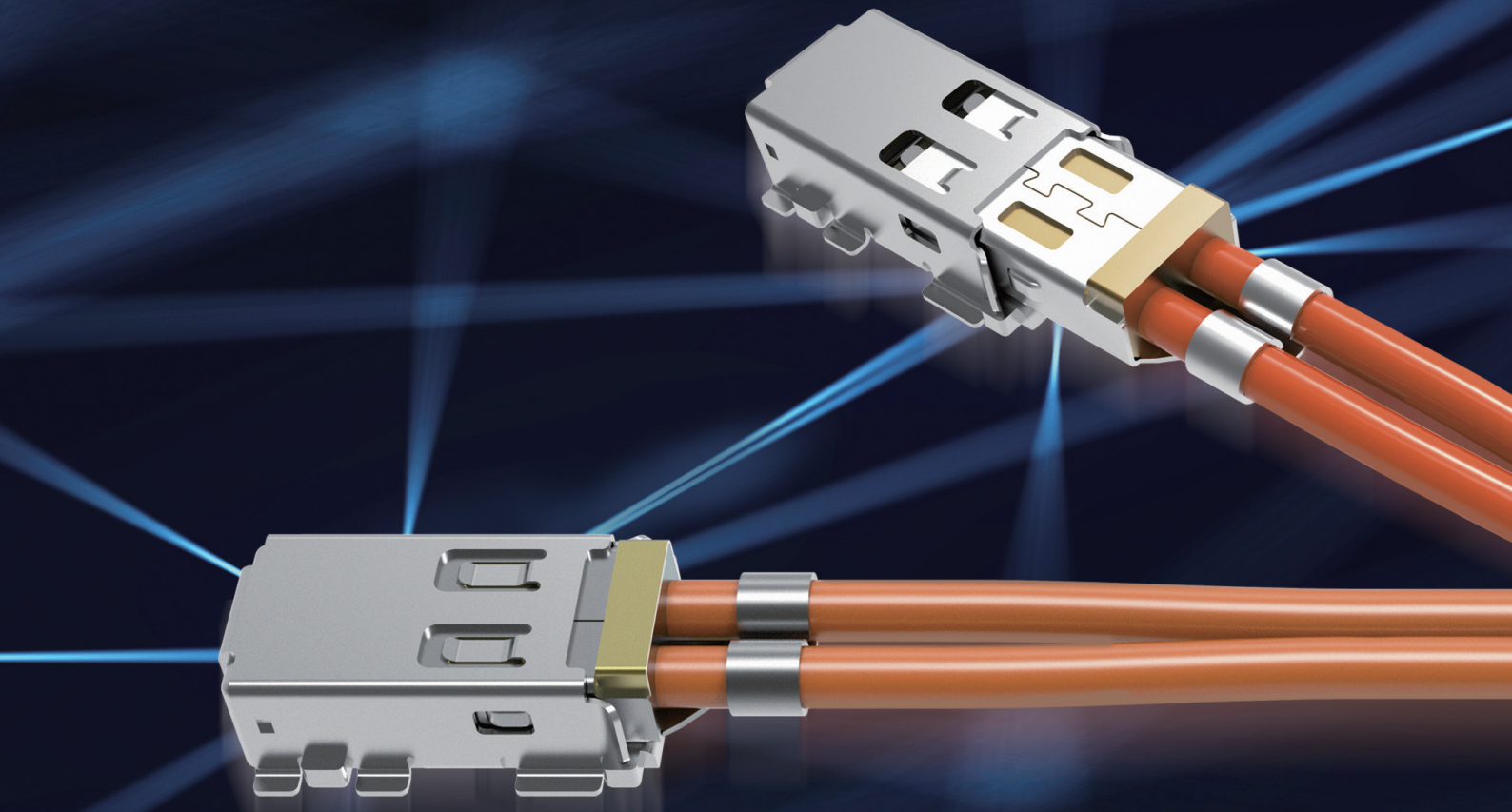

SENSORVIEW
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센서뷰는 밀리미터웨이브(mmWave) / 5G에 최적화된 안테나 & 커넥티비티 (케이블&커넥터) 솔루션 전문 기업입니다.

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Qualified by RF/MW components and systems suppliers for
Telecom, Military, Automotive, Test & Measurement industries.

## Low-loss & phase-stable microwave cable

| Operating Frequency | Line-up | Max. Insertion Loss | | Available Connector | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | [dB/m] @ Max Freq. | [dB/ft] @ Max Freq. | N | SMA | 3.5mm | HFSMA | 2.92mm | 2.4mm |
| DC to 8 GHz | 11G series | - 0.91 | - 0.278 | ○ | ○ | | | | |
| DC to 18 GHz | 13 series | - 1.25 | - 0.381 | ○ | ○ | ○ | ○ | | ○ |
| DC to 26.5 GHz | | - 1.55 | - 0.473 | | | ○ | ○ | | ○ |
| DC to 33 GHz | 11 series | - 2.00 | - 0.610 | | | | ○ | | |
| DC to 40 GHz | 9 series | - 2.60 | - 0.793 | | | | | ○ | ○ |
| DC to 50 GHz | 7 series | - 3.90 | - 1.189 | | | | | | ○ |

## Phase matched adapter

| Frequency | Interface | VSWR Max. |
|---|---|---|
| DC - 6GHz | MCX, MMCX, etc. | <1.2 |
| DC - 18GHz | SMA, N | <1.2 |
| DC - 26.5GHz | HFSMA®, SMP | <1.22 |
| DC - 30GHz | HFSMA® | <1.25 |
| DC - 40GHz | 2.92mm(K), SMP | <1.25 |
| DC - 50GHz | 2.4mm, SMPM | <1.25 |

## Precision connector

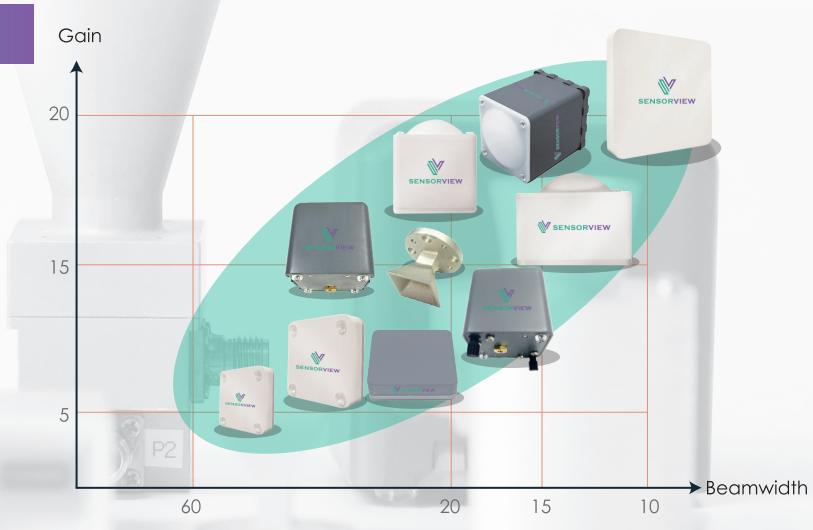
| Frequency | Connector | Application |
|---|---|---|
| DC - 6GHz | MCX, MMCX | PCB Mount, package |
| DC - 18GHz | SMA, N | End Launch, package |
| DC - 26.5GHz | SMP, SBC® | Board to Board |
| DC - 30GHz | HFSMA® | Panel Mount, package |
| DC - 40GHz | 2.92mm(K) | Panel Mount, package |
| DC - 50GHz | 2.4mm | Cable assembly |

## 5G mmWave Antenna

### Single band / Dual band antenna
- CP 24 - 29.5GHz / CP 37.5-40.5GHz
- LP 26.5-29.5GHz

### Triple band antenna
- CP 24-26.5 & 26.5-29.5 & 37.5-40.5GHz

### Miniaturized horn antenna
- LP 50-75GHz
- CP 57-67GHz

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