

mmWave Infrastructure
mmWave Wireless Device
Defense & Aerospace
Semiconductor
Connected Car
Microwave & mmWave Test and Measurement



Your trusted partner
for **BEYOND-5G**



- 01 Company
- 02 Business
- 03 Defence & Aerospace
- 04 Microwave Cable & Connector
- 05 MGroup
- 06 Antenna
- 07 60GHz Soldering Antenna



Hyper-Connected & Fastest Lead Time

Customized Solutions

BEYOND 5G

[MMWAVE INFRASTRUCTURE]

Small-Cell
In-Building

[MMWAVE WIRELESS DEVICE]

Smart Phone
Laptop
Smart TV

TEST & MEASUREMENT

[NETWORK ANALYZER]

[MMWAVE OTA SOLUTIONS]

[SEMICONDUCTOR TEST EQUIPMENT]

Hyper-Connected & Fastest Lead Time

Excellent High Flexibility



DEFENSE & AEROSPACE

[AIR FORCE]

Ultra Light Weight Cable : Zenild
Micro Connectors
AESA Antenna Assembly
RF Connectors for Air

[ARMY]

Stability & Low-loss Cable
Precision RF connector
BPF Filter

[NAVY]

Excellent High Flexibility Cable : Armor
Magnetic Connector Gannector

Vision

We Make Your RF the BEST

Mission

“We design and manufacture high performance RF interconnectors and Antenna. RF designers and test engineers can leverage our products to make their RF performance best, on time.”

Solution mmWave Total RF Solution Provider

Cable

World-Class Competitive Advantage

Connector

One and Only Global Standard Approved by Qualcomm

Antenna

Complete Localization of a Unique Solution Made through Innovative Design Technology

System

Antenna / Cable / Connector integrated Radar System and Test Equipment

Securing Global Competitiveness through Materials / Design / Processing Technology Technology

Nano Materials

High Frequency, Loss-Minimizing Nano-Materials Technology

Shielding Process

Shielding Processing Technology with Unrivaled Shielding Performance

Precision Design

Precision Design Technology that Uniquely Satisfies Qualcomm's Specifications

Continuously Securing Key Technologies In-Advance, with Industry-Leading Experts

40+

Over 40 RF Engineers with Over 10 Years of Experience

UP TO 110 GHz

Secured 5G and 6G Design and Manufacturing Technology

60+

Over 80 Proprietary IP / Over 100 Industrial Property Rights (About 80% in 5G technology)

Awards



Selected as a Recipient of 2021 Industrial Technology Achievements by NAEK



SENSORVIEW KOSDAQ IPO 2023.7.19



Innovative Enterprise National 1000



2022 Preliminary Unicorn Selection (Ministry of SMEs and Startups)



2023 CES Innovation Awards (Consumer Technology Association)



Accomplishments

Sensorview is discovering and developing various key technologies to lead the mmWave(5G) market. We are actively applying for patents/ designs/trademarks for technical protection.

Domestic		Overseas		TOTAL
Registration	Application	Registration	Application	
72	110	35	62	279

History

Establishment Phase
2015 ~ 2017

2015.06 Establishment of Sensorview Co., Ltd

2015.12 Selected as a technology-leading start-up company

2016.11 Development of 5G mmWave high-gain antenna

2016.12 Successful 5G antenna demonstration at IEEE Globe Com (USA)

Growth Phase
2019 ~ 2021

2018.12 Keysight [US] vendor registration (the first and only Korean company) SpaceX [US] vendor registration

2019.01 Qualcomm [US] vendor registration

2019.03 Google [US] vendor registration

2019.04 Samsung Electronics vendor registration

2020.09 Selected to supply Qualcomm's 5G small cell transmission line

2021.12 Selected along with 1,000 other representatives for "Innovative Companies" by the Ministry of Land, Infrastructure, and Transport

Take - Off Phase
2022 ~ NOW

2022.05 H Company (Defense) Vendor Registration

2022.06 Selected as a "Preliminary Unicorn" By the Ministry of SMEs and Startups in 2022

2022.07 Received an "A Rank in NICE Information Service's Technology Assessment

2022.11 L Company (Defense) Vendor Registration Awarded Two CES 2023 Innovation Awards

2023.05 Selected as a "ICT Future Unicorn" By the Ministry of Science and ICT

2023.07 Listed on KOSDAQ (Korean Securities Dealers Automated Quotation)

2024.11 Byeong-nam Kim, CEO of SENSORVIEW, Receives Prime Minister's Commendation for Technological Innovation

SENSORVIEW Industries

SENSORVIEW delivers a total solution platform service by providing material and design technologies and a technology to technology fusion platform for smart 5G connected devices.

mmWave Infrastructure

Ultra wideband antennas for in-building solutions. High-gain antenna technologies.

In-Building Coverage



Transparent Antenna

- Ultra wide band (From 600MHz to 7GHz)
- Perfectly camouflaged antenna (Complaint free)
- Buy1 get1 (Antenna service + information signage)



In-Building Antenna

Indoor cell coverage solution for coverage optimization. For general service operator testing and building cell coverage. Meets indoor requirements, which vary greatly because not all environment are similar.

Network



mmWave Array Antenna

Our patented design. Gain+ delivers a higher gain and wider beam steering range vs. conventional antennas.

Small-Cell



Transparent Antenna

- Ultra wide band (From 600MHz to 7GHz)
- Perfectly camouflaged antenna (Complaint free)
- Buy1 get1 (Antenna service + information signage)



Micro-Coaxial Interconnector

Ultra compact multi-gang cable series that can carry a signal with low-loss and near-zero EMI.

mmWave Wireless Device

Various IT applications and a large market potential.

Smart TV



ST60 Antenna Modules (SAM)

60GHz wireless connector. High speed (6.25Gbps), low power-consumption (mW level) and near distance (5~20mm).

Laptop / Smartphone



Micro-Coaxial Interconnector

Ultra compact multi-gang cable series that can carry a signal with low-loss and near-zero EMI.



ST60 Antenna Modules (SAM)

60GHz wireless connector. High speed (6.25Gbps), low power-consumption (mW level) and near distance (5~20mm).

Package Test



HIFIX

Superior price and performance compared to third party products.

Semiconductor

SENSORVIEW's proprietary solution. Made possibly by innovation and patent ownership.

Test & Measurement

Compact OTA testing size reduction SENSORVIEW's proprietary antenna.

Semiconductor Test Equipment



SENSORVIEW's miniature multi-band antenna solution. Optimized for 5G AUT in test & measurement.

- Minimizes chamber size
- Decreases expenditure
- Maximizes test performance



SENSORVIEW's high-quality, high-performance coaxial cable assembly.

- Low insertion loss
- Phase stability vs. Temperature
- Insertion loss stability vs. Bending
- Phase stability vs. Bending
- Low VSWR



Phase-matched adapters that meet MIL STD 348. Manufactured in a wide range within / between series. Matched adapters have the same nominal connector mating reference plane to reference plane length.



SENSORVIEW's connectors are designed and manufactured to guarantee optimize end product performance. We provide optimal transition for a low return loss. We can tailor connectors for specific equipment and applications.

Aerospace & Defense

EMI-shielding solution military aircraft, and AESA radars.

Missile / Aircraft



SENSORVIEW's unique braiding technology, zenild provides superior shielding effectiveness vs. copper wire and offers significant weight savings. Silver plated fibers save weights approximately 60% in raw material and about 20% in completed cable compared to copper wires in products of the same performance.



Bendable microwave cable wireless connector. Minimum bending radius 1.5mm

- Up to 67GHz
- Low-loss, EMI shielding
- MIL-STD compliant
- Outer diameter 2mm

AESA Radar



High efficiency, massive antenna arrays. Active array synthesis.



Phase-matched adapters that meet MIL STD 348. Manufactured in a wide range within / between series. Matched adapters have the same nominal connector mating reference plane to reference plane length.

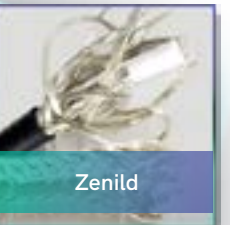


SENSORVIEW's connectors are designed and manufactured to guarantee optimize end product performance. We provide optimal transition for a low return loss. We can tailor connectors for specific equipment and applications.

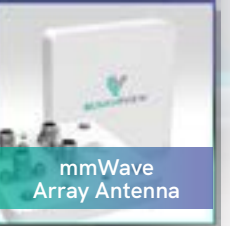
Connected Car

5G based connected car light-weight, EMI-shielded

Autonomous Vehicles



SENSORVIEW's unique braiding technology, zenild provides superior shielding effectiveness vs. copper wire and offers significant weight savings. Silver plated fibers save weights approximately 60% in raw material and about 20% in completed cable compared to copper wires in products of the same performance.



Our patented design. Gain+ delivers a higher gain and wider beam steering range vs. conventional antennas.

Network Analyzer



SENSORVIEW's high-quality, high-performance coaxial cable assembly.

- Low insertion loss
- Phase stability vs. Temperature
- Insertion loss stability vs. Bending
- Phase stability vs. Bending
- Low VSWR



Phase-matched adapters that meet MIL STD 348. Manufactured in a wide range within / between series. Matched adapters have the same nominal connector mating reference plane to reference plane length.

mmWave OTA Solutions



SENSORVIEW's miniature multi-band antenna solution. Optimized for 5G AUT in test & measurement.

- Minimizes chamber size
- Decreases expenditure
- Maximizes test performance



SENSORVIEW's high-quality, high-performance coaxial cable assembly.

- Low insertion loss
- Phase stability vs. Temperature
- Insertion loss stability vs. Bending
- Phase stability vs. Bending
- Low VSWR



Phase-matched adapters that meet MIL STD 348. Manufactured in a wide range within / between series. Matched adapters have the same nominal connector mating reference plane to reference plane length.

Air Force (300 ~1,000 MHz, 18 GHz)

Our team offers complementary technologies to deliver innovative solutions

AS 9100
Aerospace Quality



ISO 9001
Quality



ISO 14001
Environment



Meets all the
above Reliability
Standards



Aircraft

For Flight Jets
& Helicopters

- RF connectors
- Micro Connectors
- Dual Blade Antenna

ISR

For Radar

- Harmonic Filter
- Band Pass Filter
- Low Pass Filter

C4I

For Tactical Radio

- RF Switches
- Micro Connectors
- RF Cable Assembly

Defence

LAND

For M SAM

- RF connectors
- RF Cable Assembly

SEA

For Navy

- RF connectors
- RF Cable Assembly

Navy (18 GHz)

Army (26 GHz)

Micro Connectors

Array Antenna Assembly

Ultra Light Weight Cable:
Zenild

RF Connectors for Air

Antenna (Radar) Module

Precision RF connector

Harmonic Filter

Crush Resistance, phase matching
Flexibility & Stability & Low-loss Cable

Excellent High Flexibility
Cable: Armo

Magnetic Connector
Gannector

Ultra-High Frequencies (mmWave) used in the Defense Sector Require an Expansion in Frequency Band due to the Expansion into the Commercial Sector

Defense & Aerospace

Electronic Warfare & ISR

- '22 ~ '24 EW Suite : Dual Blade Antenna
- '22 ~ '23 Array Antenna for radar for ground
- Direction Finder, S-, X-Band Array Antenna Module including TRM
- '21 ~ '23 EW Suite : RF Connectors for Air

For Aircraft



AESA Antenna Assembly for Unmanned Aerial Vehicle

Key Elements and Core Technologies in Development

- Achieving high-performance active reflection loss in narrow array spacing (circular scan area)
- Implementation of correction transmission lines
- Implementation of SLB (Scan Limit Boundary)



2



Dual Blade Antenna

- Radiation element amplitude synthesis technology
- Reflector and radome impact optimization technology

Passive Component Assembly	Reflection loss	Under 2 : 1 @ 0.7 ~ 1.4 GHz, Under 2.5 1.4 ~ 2 GHz
	Single component gain	Over 0.5 dBi
	Size	Under 215 mm x 152 mm x 107 mm
	Azimuth angle	Min. 0° ~ Max. 360°
	Azimuth angle accuracy	Channel 1 45° ± 15° Channel 2 135° ± 15° Channel 3 225° ± 15° Channel 4 315° ± 15°
	Polarization	Vertical polarization
	Antenna connector	TNC
	Weight	Under 1 kg

3



RF Connectors for AIR

Our connectors are designed and fabricated to guarantee optimized performance of the end products. We can provide the optimum transition for low return loss. Specially we can tailor connectors to specific equipment and application needs.

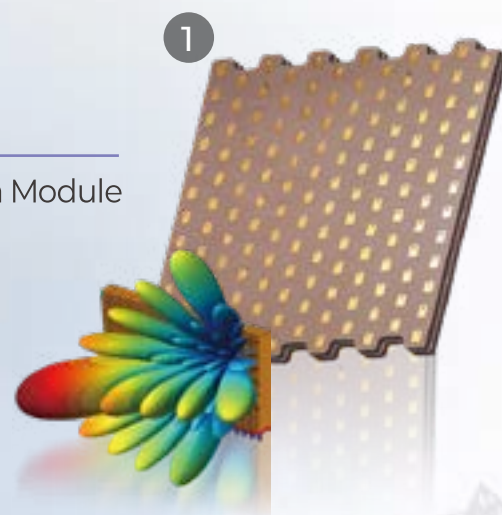


ISR & C4I

- '22 ~ '24 BPF : Components applicable to radar systems
- '22 ~ '23 Middle-range Surface-to-Air Missile Multi-Functional Radar : Array Antenna
- '23 ~ '24 Land-Based EW System-II : RF Microwave Harness
- '23 ~ '24 Land-Based EW System-II : RF Cable Assemblies & Connectors

Muliti-Functional Radar Array Antenna

High-Performance, Next-Generation Array Radar Antenna Module with approximately 40% Weight Reduction



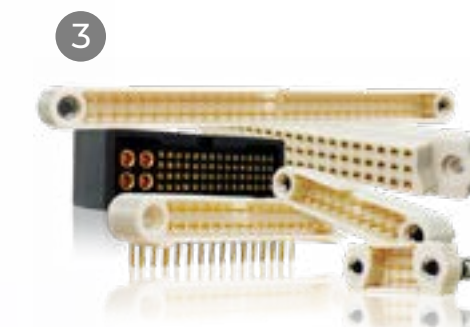
Array Antenna



BPF Band Pass Filter

- Radiation element amplitude synthesis technology
- Reflector and radome impact optimization technology

Frequency range [GHz]	X-Band (W)	
Band width [GHz]	2.0	
Insertion loss [dB]	≤ 0.5	
Harmonic Rejection [dBc]	~ 4 GHz	≤ -35
	4 ~ 7 GHz	≤ -15
	18 ~ 20 GHz	≤ -55
	27 ~ 30 GHz	≤ -65
VSWR	≤ 1.5 : 1	
Max rating [W]	≥ 10 (CW)	



Micro-D Connector

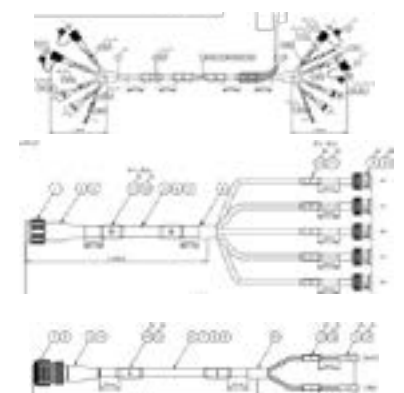
- Above performances are common items which were whole applied in product group from MIL-DTL-83513 standard.
- Other reliability items can be applied by client's requirements. (ex : Vibration, Shock, Thermal Shock, Humidity, Salt Water and etc.)

Durability	Minimum 500 times
Assembly-Disassembly	0.2 N ~ 1.7N (per contact)
Withstand Voltage	600 Vrms
Connection Test	Below 10 MΩ when measured DC register of pin connection
Insulation Test	Above 100 MΩ when 500VDC ±50 VDC is permitted
Temperature Range	50 °C ~ +125 °C



RF Microwave Harnesses

Cable assembly for Data & Power	D38999 to LAN cable
	Field to LAN cable - Power cable
	RS422, 485, 232C cable
	Control cable
Cable assembly for RF	D38999 to SMA, N, TNC, BNC, etc.



Electronic Warfare & Naval Ships

- ‘22 ~ ‘30 Ship-Borne EW System-II : RF Cable Assemblies & Connectors
- ‘22 ~ ‘26 Submarines : Fiber Optical



RF Cable Assembly

Our cables shine in its phase stability (against bending) and flexibility. There is a very low insertion loss or phase change when bent-thus ensuring stability.

Frequency range [GHz]	DC to 40
Screening Effectiveness [GHz]	>100 dB @18
Crush Resistance	81.6 kgf/cm (457lbf/in)
Available Connector	1.85 mm (M), 1.85 mm(F)

Magnetic Connector Gannector

Gannector is a unique push-type connector that makes torque wrenches no longer necessary. Its quick-lock mechanism and excellent contact resistance ensures its reliability. It can operate in high frequencies-the S, X, and Ku bands.

Frequency range [GHz]	DC to 40
-----------------------	----------



1



Fiber Optical Connector

Essential connectivity for high bandwidth & long-range electromagnetic interference using light information

It exhibits superior performance in vibration and shock resistance compared to traditional ceramic products.The optical connector meets MIL-PRF-29504 specifications with an insertion loss performance of -0.3 dB and is compatible with DIN 41626-3 standards.

SFO(P)-ST01 	Insertion Loss	Max. -1 dB
	Durability Life	500 cycle
	Fiber size	> Core : 50 μm, 62.5 μm
		> Cladding : 125 μm
	Ferrule hole	125 μm +5/-0 μm
	Ferrule material	SUS303

SFO(S)-ST01 	Insertion Loss	Max. -1dB
	Durability Life	500 cycle
	Fiber size	> Core : 50 μm, 62.5 μm
		> Cladding : 125 μm
	Ferrule hole	125 μm +5/-0 μm
	Ferrule material	SUS303



01. **FlexStable[®]**

Low-Loss Microwave Cable
Excellent Flexibility
Phase & Amplitude Stability

02. **Flex Armor[™]**

High Crush Resistance
Excellent Flexibility
Phase & Amplitude Stability

03. **Zenild[®]**

Ultra Light Weight Material & Cable
High Screening Effectiveness

04. **FlexiBe[®]**

Minimum Bending Radius
Cable Assembly (MBR 1.5mm)

05. **Micro Coaxial Cable for W-Band**

047 Type Flexible Cable (Up to 110GHz)

06. **Gannector[®]**

Magnetic Connector Solution
Tool-Free & Time-Free Connector

07. **End-Launch**

Easy Slide Connector for Saving Time

08. **Connector & Adapter**

Color Coded RF Adapters
Phase Match / Flange / Customized

FlexStable® Microwave Cable

SENSORVIEW's FlexStable® microwave cable assembly series offer excellent performance providing various benefits to your specific needs.

Freq.
Up to 67GHz

Low-Loss

VP (Velocity of Propagation) 77 ~ 84%

Phase-Stable
(vs. Bending)

Phase-Matching
Under 1ps.

Cable Design & Core Material

SENSORVIEW's designs and produces the cable & connector solutions for microwave & millimeterwave systems by incorporating inhouse material technologies which guarantee excellent electrical performance versus flexure and temperature variation.

Aeroflon® Dielectric

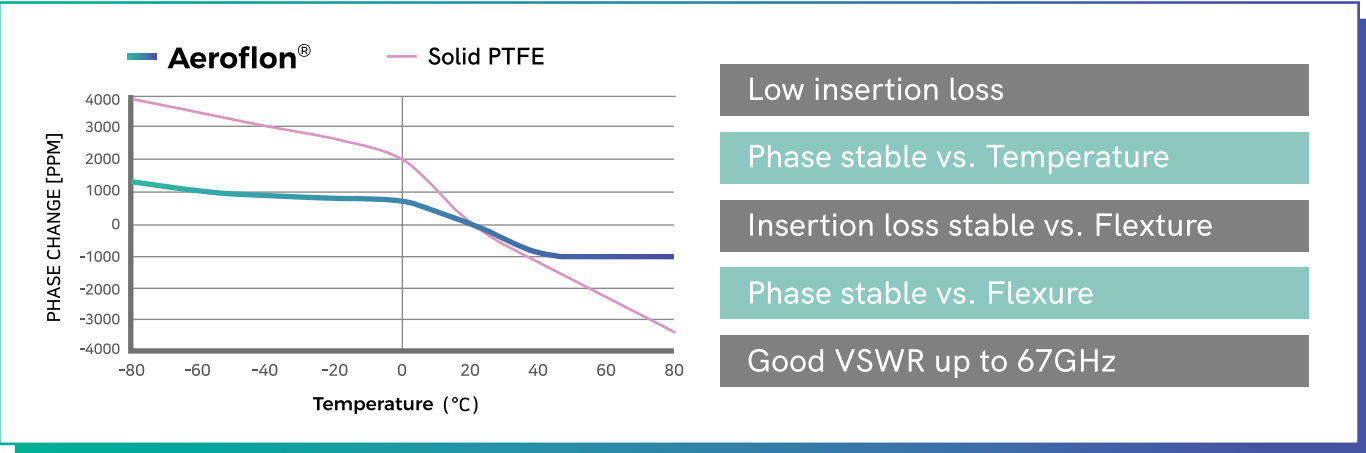
For Low-Loss and Stable Electrical Performance

SENSORVIEW has developed a new PTFE dielectric, named Aeroflon®, demonstrating Dk (dielectric constant) about 1.6~1.7 and Df (loss tangent) about 0.0001@10GHz, which enables to achieve much lower loss in property of microwave & mmWave coaxial cable compared to general PTFE cable.

SENSORVIEW's Aeroflon® has a smaller "Knee" in its CTE (Coefficient of Thermal Expansion) profile around room temperature and remains the same even when exposed to extreme temperature, therefore, it is excellent to apply in harsh environment.



PTFE Knee Graph



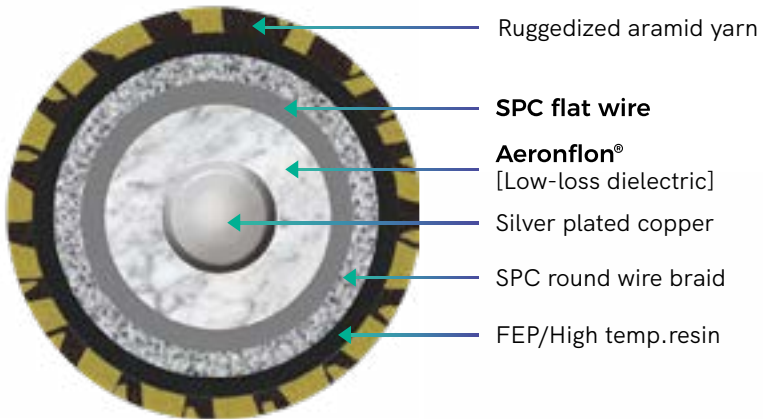
Relative Matching

Relative matching matches phase between two (which is one pair) or more cable assemblies which belongs to one another. Therefore, it is manufactured as sets with relative phase tolerance. SENSORVIEW's default phase matching tolerance is $\pm 0.3^\circ/\text{GHz}$. (e.g. an 18GHz cable can be phase matched to $\pm 5.4^\circ$)

Absolute Matching

Absolute matching provides the matches in its assemblies to be at an absolute electrical length (Group delay). Any cable of a set can be replaced and manufactured in different location using any test equipment brand.

Structures



Ruggedized Flexible Low-Loss Cable Series

- Aramid yarn jacket / High abrasion resistance
- High temperature strength / High durability
- High operating frequency / Phase and I/L stability



Typical Applications

- Bench-top testing
- High throughput RF production testing
- Portable analyzers
- Test rack systems
- Vector network analyzers
- Scalar network analyzers
- Antenna ranges
- Anechoic chambers
- Thermal vacuum chambers
- Nearfield scanners
- Wireless telecommunication module testing
- Electro magnetic compliance testing
- Automated test equipment
- High speed digital test
- 5G test and interconnection



FlexStable[®] Microwave Cable

SENSORVIEW's FlexStable[®] microwave cable assembly series offer excellent performance providing various benefits to your specific needs.

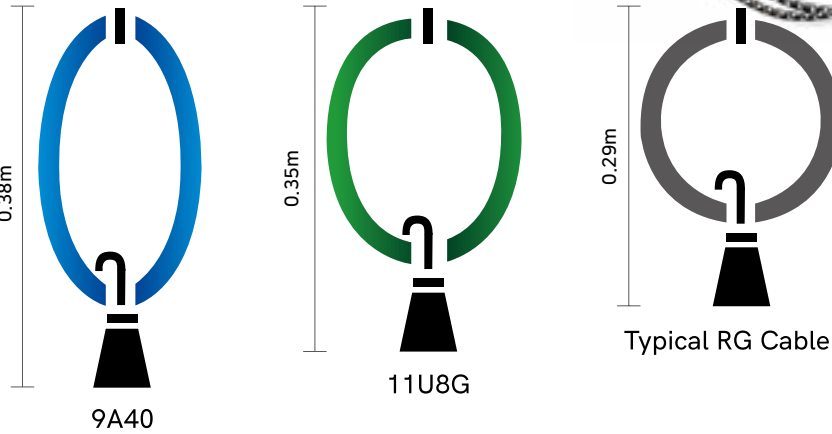
SUPER FLEXIBLE

DUT and Condition

Tested cable: FlexStable(9A40), UltraRG(11U8G), Typical RG cable

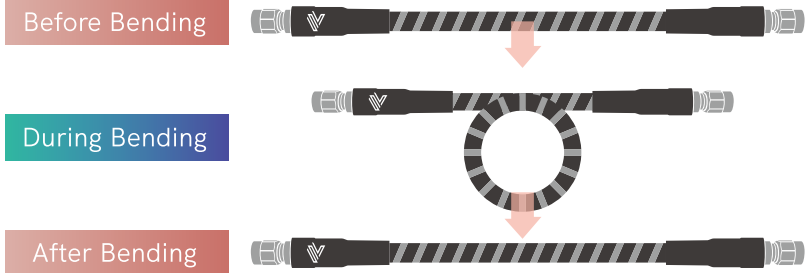
Test Results

Test condition: 1m, 520g, 25°C



FlexStable shows the longest droop, which means it affects little force to connector and DUT, accordingly more stable and easier to use in a lab and bench, also convenient to install in a chamber.

PHASE STABILITY (vs. BENDING)



"Insertion loss" and "Phase change" are measured under a bended condition using a "Minimum bending radius" mandrel.

The Immortal Knight of The Cable World

Microwave Cable Armor 18GHz~

Excellent Flexibility



Impact Shock (Crush Resistance Test)



Flexure Test (Tick-Tock Test)



Up to 8GHz

Series

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -85 dB
- Minimum Bend Radius : 25 mm
- Phase Stability vs. Flexure (Typical) : Max. 2 ° @ 8 GHz
- Loss Stability vs. Flexure (Typical) : ± 0.05 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25 °C at Sea Level
							8 GHz	8 GHz
Low Loss Super Flex Aramid Jacket		11A8G	Stranded	5.8	53	-50 ~ 135	-1.07	223
Low Loss Super Flex Resin Jacket		11S8G		5.2	50			
Low Loss Flex FEP Jacket		11F8G		4.9	49.3	-50 ~ 125		190
Low Loss Super Flex PUR Jacket		11U8G		5.2	46	-50 ~ 85		69
Low Loss Flex Aramid Jacket		11A8GD	Solid	5.8	54	-50 ~ 135		264
Low Loss Flex PUR Jacket		11S8GD		5.2	52			

Available Connector: SMA(ST, RA), N(ST,RA)



Up to 18GHz

Series

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 % (13x26, 9S18G, 9F18GD) | 84 % (23F18WD)
- RF Leakage : -100 dB (13x26) | -85 dB (9S18G, 9F18GD)
- Minimum Bend Radius : 30 mm (13x26) | 15 mm (9S18G) | 20 mm (9F18GD)
- Phase Stability vs. Flexure (Typical) : Max. 10 ° @ 18 GHz (13x26, 9S18GD, 23F18WD) | Max. 18 ° @ 18 GHz (9F18GD)
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25 °C at Sea Level
							18 GHz	18 GHz
Low Loss Super Flex Aramid Jacket		13R26	Stranded	9.7	192	-50 ~ 135	-1.55	155
Low Loss Super Flex Aramid Jacket		13A26		6.7	80	-50 ~ 135		
Low Loss Super Flex FEP Jacket		13S26		6.2	75			
Low Loss Flex FEP Jacket		13F26		5.1	65	-50 ~ 125	-2.05	149
Low Loss Super Flex Resin Jacket		9S18G		4.2	34.4	-40 ~ 125		129
Low Loss Flex FEP Jacket		9F18GD	Solid	3.8	33	-40 ~ 125	-1.72	155
Low Loss Flex FEP Jacket		23F18WD		7.68	130	-50 ~ 135	-0.75	377

Available Connector: SMA(ST), N(ST), TNC(ST)



Up to 26.5GHz

Series

Up to 33GHz

Series

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -100 dB
- Minimum Bend Radius : 30 mm
- Phase Stability vs. Flexure (Typical) : Max. 10 ° @ 26.5 GHz
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25°C at Sea Level
							26.5 GHz	26.5 GHz
Low Loss Super Flex Aramid Jacket		13R26	Stranded	9.7 ± 0.3	192	-50 ~ 135	-1.55	155
Low Loss Super Flex Aramid Jacket		13A26		6.7 ± 0.1	81			
Low Loss Super Flex Resin Jacket		13S26		6.2 ± 0.1	73			
Low Loss Flex FEP Jacket		13F26		5.7 ± 0.1	56.2			
Low Loss Super Flex Aramid Jacket		13R26D	Solid	9.7 ± 0.3	193	-50 ~ 135		183
Low Loss Super Flex Aramid Jacket		13A26D		6.7 ± 0.1	82			
Low Loss Super Flex Resin Jacket		13S26D		6.2 ± 0.1	74			
Low Loss Flex FEP Jacket		13F26D		5.7 ± 0.1	57.2			

Available Connector: HFSMA(ST), 3.5 mm(ST)











Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -100 dB
- Minimum Bend Radius : 25 mm
- Phase Stability vs. Flexure (Typical) : Max. 10 ° @ 33 GHz
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]		Average Power Rating [Watt] @ 25°C at Sea Level	
							33 GHz	33 GHz		
■ Low Loss ■ Super Flex ■ Armor Jacket	 11R33	Stranded	9.7 ± 0.3	172	-40 ~ 125	-2.03	121			
■ Low Loss ■ Super Flex ■ Aramid Jacket	 11A33		5.7 ± 0.1	59						
■ Low Loss ■ Super Flex ■ Resin Jacket	 11S33		5.3 ± 0.1	53						
■ Low Loss ■ Super Flex ■ Armor Jacket	 11R33D	Solid	9.7 ± 0.3	173	-40 ~ 125	-2.03	143			
■ Low Loss ■ Super Flex ■ Aramid Jacket	 11A33D		5.7 ± 0.1	59.2						
■ Low Loss ■ Super Flex ■ Resin Jacket	 11S33D		5.3 ± 0.1	53.2						

Available Connector: HFSMA(ST)











Up to 40GHz

Series

Up to 50GHz

Series

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -100 dB
- Minimum Bend Radius : 25 mm
- Phase Stability vs. Flexure (Typical) : Max. 14 ° @ 40 GHz
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

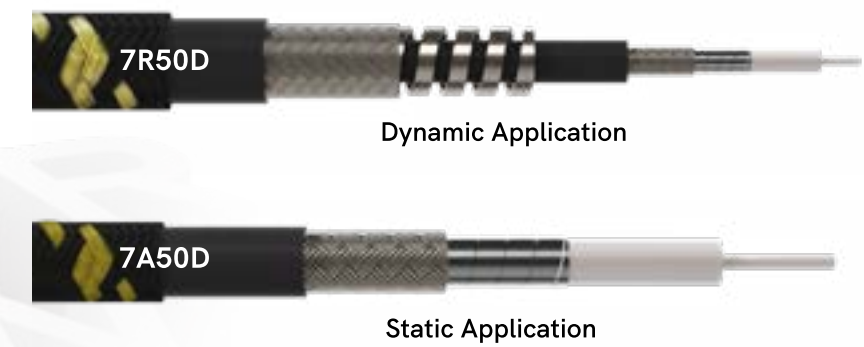
Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25 °C at Sea Level
							40 GHz	40 GHz
Low Loss Super Flex Aarmor Jacket		9R40	Stranded	8.4 ± 0.3	183	-40 ~ 125	-2.60	102
Low Loss Super Flex Aramid Jacket		9A40		5.4 ± 0.1	49			
Low Loss Super Flex Resin Jacket		9S40		5.0 ± 0.1	44			

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -100 dB
- Minimum Bend Radius : 25 mm
- Phase Stability vs. Flexure (Typical) : Max. 15 ° @ 50 GHz
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25 °C at Sea Level
							50 GHz	50 GHz
Low Loss Super Flex Aarmor Jacket		7R50D	Solid	8.4 ± 0.3	173	-40 ~ 125	-3.87	88
Low Loss Super Flex Aramid Jacket		7A50D		4.5 ± 0.1	34			



Available Connector: 2.4 mm, 2.92 mm(ST, SH)

2.4 mm Male Straight	2.4 mm Female Straight	2.92 mm Male Straight	2.92 mm Female Straight	2.92 mm Male Short
				

Available Connector: 2.4 mm(ST)

2.4 mm Male Straight	2.4 mm Female Straight			
				

Up to 67GHz

Series

Spec.



- Impedance (Nominal) : 50 ± 1 Ω
- Velocity Propagation (Nominal) : 77 %
- RF Leakage : -100 dB (5R67D, 5A67D)
- Minimum Bend Radius : 20 mm (5R67D, 5A67D)
- Phase Stability vs. Flexure (Typical) : Max. 19 ° @ 67 GHz (5A67D) | Max. 14 ° @ 67 GHz (5R67D)
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Type	Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25°C at Sea Level	
							67 GHz	67 GHz	
■ Low Loss ■ Super Flex ■ Armor Jacket	 5R67D	Solid	6.6 ± 0.3	63	-40 ~ 85	-6.32	64		
■ Low Loss ■ Super Flex ■ Aramid Jacket			3.6 ± 0.1	25					
	 5A67D								



Dynamic Application



Static Application

Available Connector: 1.85 mm(ST)



Zenild®

Ultra Light Weight Solution

Spec.



Silver Plated Fiber

Our unique braiding technology, "Zenild®" provides superior shielding effectiveness vs. copper wire and offers significant weight savings.

Silver plated fibers save weights approximately 60% in raw material and about 20% in completed cable compared to copper wires in products of the same performance.

Fiber Nano Coating Technology for Lower Weight UAV & Cable Assembly Development in Aviation

Dielectric Characteristics

- Soft Surface
- Low Density of Raw Material (PTFE)
- Stable Structure with Low Signal Loss



Braiding Equipment



Secured proprietary technology for precision braiding work

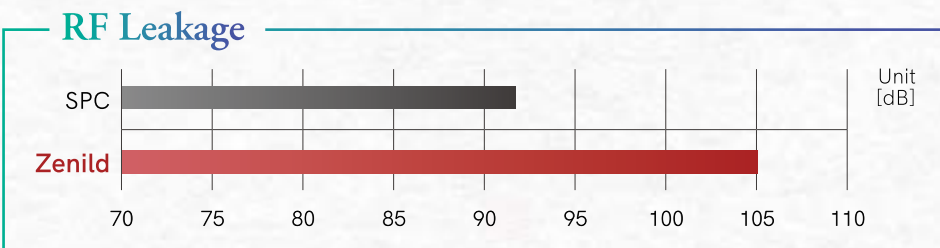
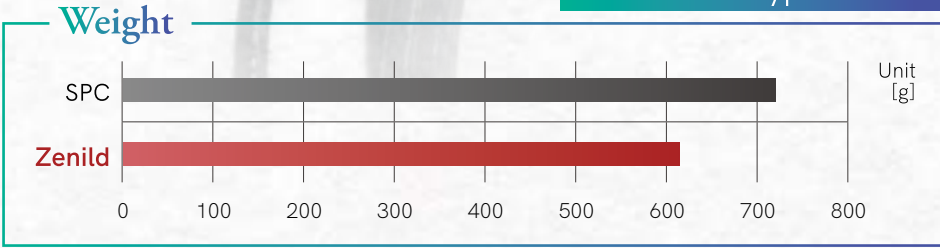


Typical SPC Wire



Silver Plated Fiber

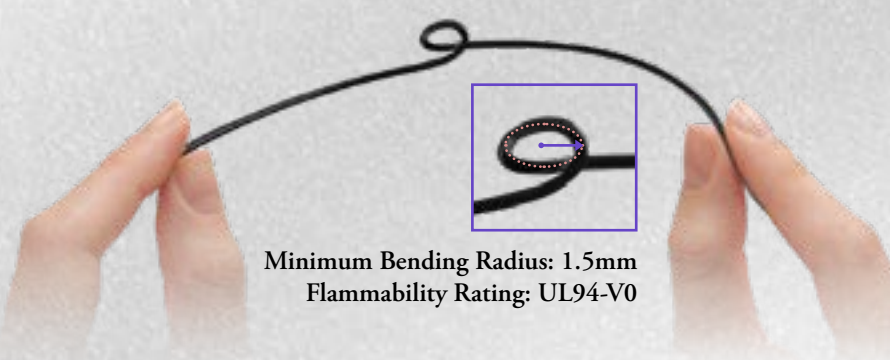
Zenild® vs. Typical SPC



FlexiBe®

Bend Form to Function

Minimum Bending Radius 1.5mm Cable Assembly



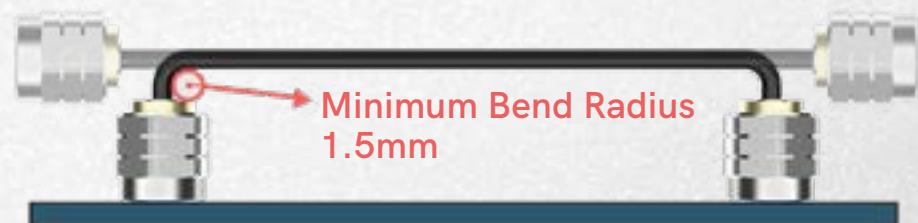
Minimum Bending Radius: 1.5mm
Flammability Rating: UL94-V0

High Shielding Effectiveness Using a Triple-Shielded Structure: -100dB

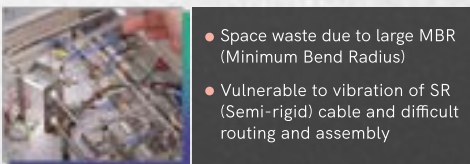
Freq. Up to 67GHz	Low-Loss EMI Shielding	MIL-STD Satisfactory	MBR 1.5mm Outer Diameter 2mm
----------------------	---------------------------	-------------------------	---------------------------------

MBR : Minimum Bending Radius

○ Angle Bends Directly Behind The
○ Connector with a Small MBR

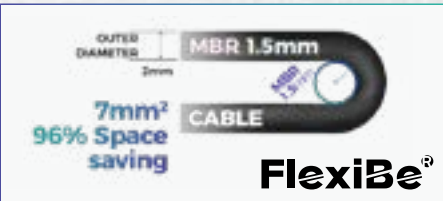


Limitation of Legacy Microwave Cables

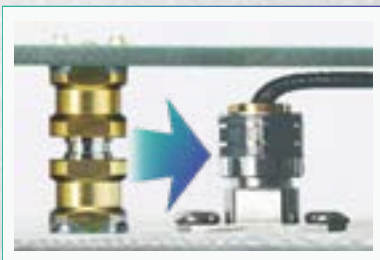


- Space waste due to large MBR (Minimum Bend Radius)
- Vulnerable to vibration of SR (Semi-rigid) cable and difficult routing and assembly

SENSORVIEW's Solution



- Up to 67GHz
- Low-loss, EMI shielding
- MIL-STD satisfactory
- MBR 1.5mm, Outer diameter 2mm



- Saves system space by having a MBR of 1.5mm (Minimum Bend Radius: 1.5mm)
- Because there are no soldered sections on the connector, FlexiBe reduces attenuation by more than 50% than typical cables.

FlexiBe®

- Impedance (Nominal) : $50 \pm 1 \Omega$
- Velocity Propagation (Nominal) : 70 %
- RF Leakage : -100 dB
- Minimum Bend Radius : 1.5 mm (SFPS27D1) | 5.0 mm (SFPS24D1)
- Loss Stability vs. Flexure (Typical) : ± 0.1 dB

Spec.



Up to 67GHz

Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25°C at Sea Level
						67 GHz	67 GHz
	FlexiBe 67	Solid	2 ± 0.1	12.6	-40 ~ 125	-11	27

Spec.



Up to 50GHz

Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25°C at Sea Level
						50 GHz	50 GHz
	FlexiBe 50	Solid	2.5 ± 0.1	19.4	-40 ~ 125	-6.7	52

Available Connector: 1.85 mm, 2.92 mm, SMA



Micro Coaxial Cable for W-Band

- Spec.
- 
 - Impedance (Nominal) : 50 $\pm$ 2 Ω
 - Velocity Propagation (Nominal) : 70 %
 - RF Leakage : -70 dB
 - Minimum Bend Radius : 4.5 mm
 - Loss Stability vs. Flexure (Typical) : $\pm$ 0.1 dB

Up to 110GHz

Figure	Product Part Name	Center Conductor Type	Overall Outer Diameter [mm]	Weight [g/m]	Temperature Range [°C]	Typical Insertion Loss [dB/m]	Average Power Rating [Watt] @ 25°C at Sea Level
						110 GHz	110 GHz
	FXPS29D1	Solid	1.42 $\pm$ 0.1	5.3	-40 ~ 85	16.7	15



Available Connector: 1.0 mm

1.0 mm Male Straight



Magnetic Connect Solution

Gannector®

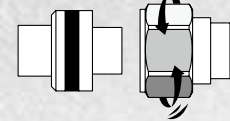


Excellent electric performance independent of screw torque
Magnetic Connect and Disconnect

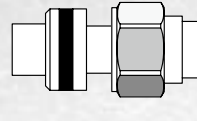
Mating

- 1

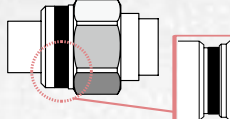
Automatic Orientation by Magnetic


- 2

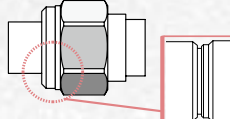
Auto Pulling


- 3

Push


- 4

Click



When male and female components are united, the coupling nut will automatically orient them. When pressed so that the black band is no longer visible, it will produce a "click" sound.

Screw Type



Push-On Type



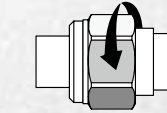
Hybrid Connector - Gannector®

- Dual Contact | Radial Contact | Magnetic Contact
- Tool-Free (No torque wrench required)
- Frequency Range (Up to 20GHz)
- Fast Locking for Saving Time

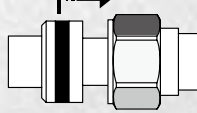
Unmating

- 1

Rotate


- 2

Pull



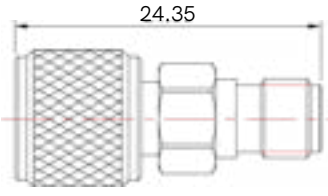
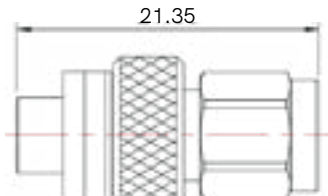
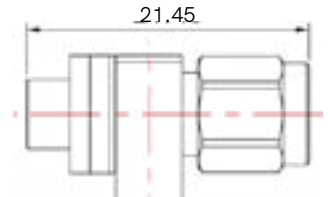
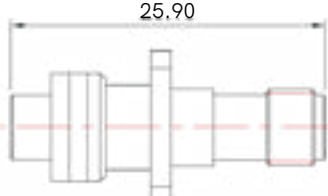
If you separate the components while turning them 90 degrees, they will seamlessly separate.



GANNECTOR

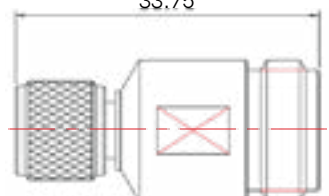
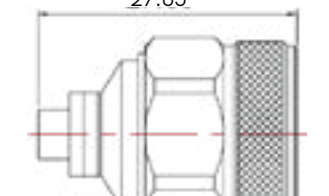
Up to 18GHz

Gannector to SMA

Product Part Name (Description)	Drawing [mm]	Specification	Spec.
Gannector(m) to SMA(f) M2P92MST-SMAF-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.03 dB x √F	
Gannector(f) to SMA(m) M2P92FST-SMAM-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.03 dB x √F	
Gannector(f) to SMA(m) M2P92FPM-SMAM-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.03 dB x √F	
Gannector(f) to SMA(f) M2P92F4H-SMAF-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.04 dB x √F	

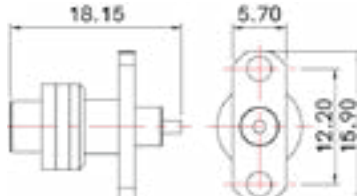
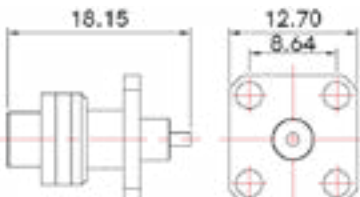
Up to 18GHz

Gannector to N

Product Part Name (Description)	Drawing [mm]	Specification	Spec.
Gannector(m) to N(f) M2P92MST-NF-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.06 dB x √F	
Gannector(f) to N(m) M2P92FST-NM-001		• VSWR: Max. 1.35 • Impedance: 50 Ω • Insertion Loss: -0.06 dB x √F	

Up to 18GHz

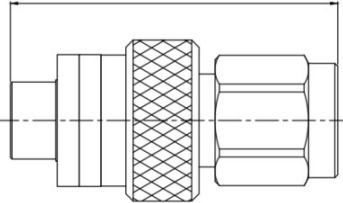
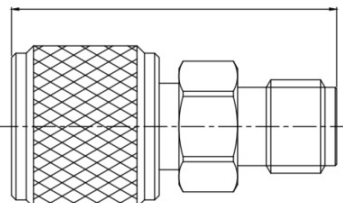
Gannector (Panel Mount)

Product Part Name (Description)	Drawing [mm]	Specification	Spec.
Gannector(f) 2 Hole M2P92F2H-001		• VSWR: Max. 1.25 • Impedance: 50 Ω • Insertion Loss: -0.03 dB x √F	
Gannector(f) 4 Hole M2P92F4H-002		• VSWR: Max. 1.25 • Impedance: 50 Ω • Insertion Loss: -0.03 dB x √F	

GANNECTOR

Up to 40GHz

Gannector to 2.92

Product Part Name (Description)	Drawing [mm]	Specification	Spec.
Gannector(m) to 2.92(m) MSMPMST-2P92M-001 	22.4 	• VSWR: Max.1.25 • Impedance: 50 Ω • Insertion Loss: -0.05 dB x √F	
Gannector(f) to 2.92(f) MSMPFST-2P92F-001 	22.15 	• VSWR: Max.1.25 • Impedance: 50 Ω • Insertion Loss: -0.05 dB x √F	

End Launch

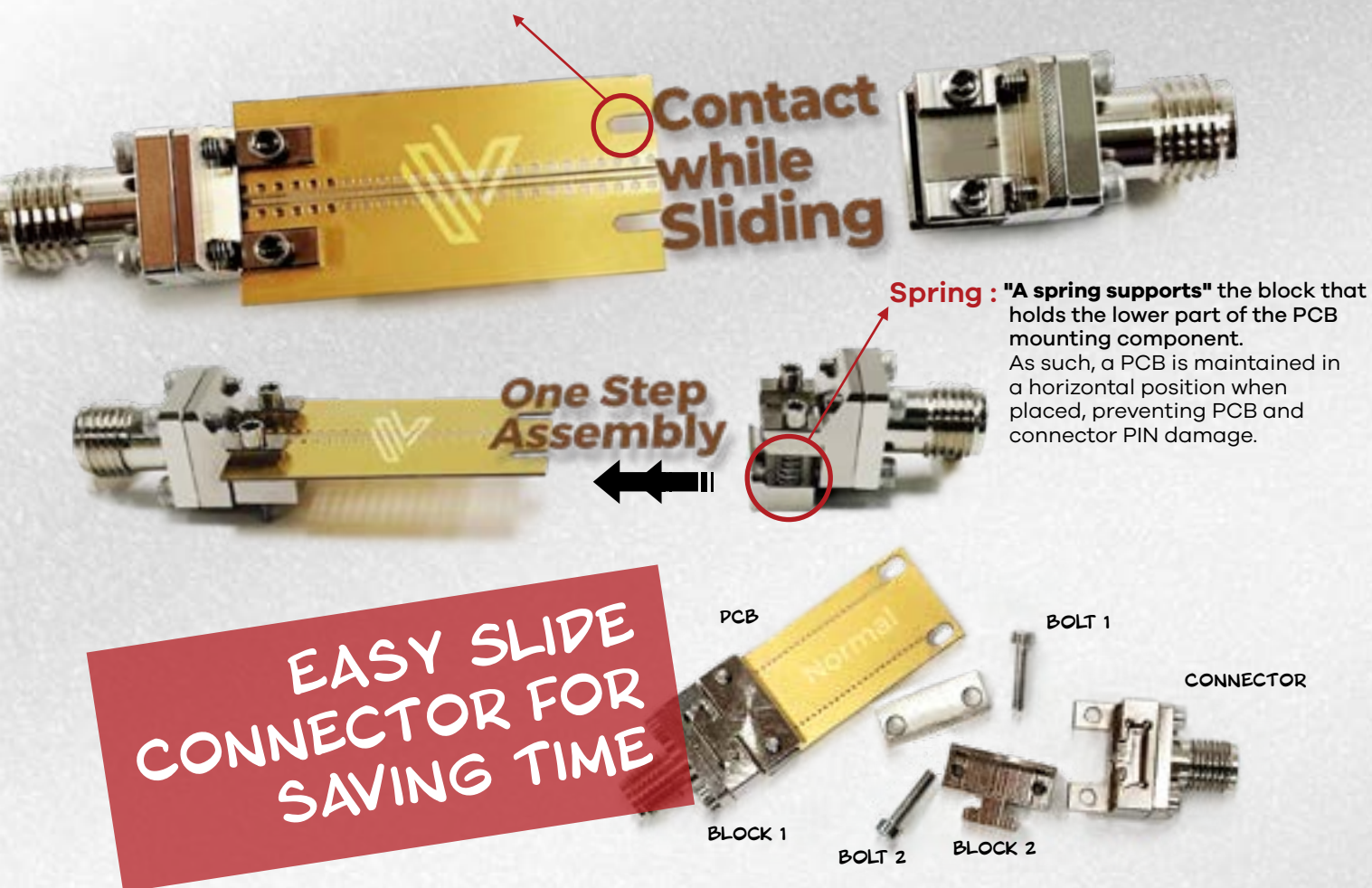
Contact While Sliding

Saving Time

EASY PCB Connection

PCB Damage Prevention
& Leveling Spring

Easy Soldering



Connector Type	PCB Thickness	Product Part Name	Freq.	VSWR	Spec.
1.85 mm	8 Mil	CCA300PBZ001	67 GHz	Max. 1.5	
	10 Mil	CCA300PBZ002			
2.4 mm	8 Mil	CCA500PBZ001	50 GHz	Max. 1.5	
	10 Mil	CCA500PBZ004			
2.92 mm	8 Mil	CCA700PBZ001	40 GHz	Max. 1.4	
	10 Mil	CCA700PBZ005			

We make your RF the BEST
Microwave Cable & Connector



Microwave Coaxial Adapter & Connector

SENSORVIEW's Coaxial Adapters & Connectors are designed and manufactured to guarantee optimized performance of the end products. We can provide the optimum transition for low return loss. Specially we can tailor connectors to specific equipment and application needs.



Connector EM Design

Proprietary EM Design and Precision Assembly Technology for Up to 67GHz

MULTI/MICRO-COAXIAL Dual-ports RF Interconnector MG210



5G Antenna module for
Small-cell & base station

Features

- Space Efficiency**
Minimize footprint size by 2 ganged connector
- Power Efficiency**
Low-loss coaxial cable (Dk < 2.0)
- Mechanically Stability**
Strong resistance to X-Y-Z moving and vibration
- Minimized Crosstalk**
Each contacts are electrically/mechanically separated
- Minimized RF Interference**
Full-enclosed mating by ground shell

MG210 Products

- Receptacle**
(P/N: MG210RE03)
- Plug to Plug Cable Assembly**
(P/N: MGC102XX)
- Plug to Female SMAs Cable Assembly**
(P/N: TRA2PA5)
- Plug to Male SMAs Cable Assembly**
(P/N: TRA2PA6)
- Tweezer for Mating and Unmating a Plug**
(P/N: GJSZZA1)

Application



CPE / Hotspot
(Customer
Premises
Equipment)



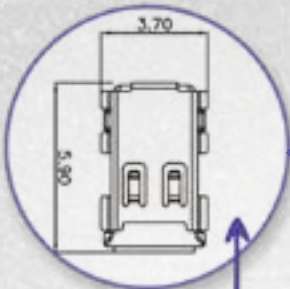
Femtocell /
Small-Cell



Laptop



[Receptacle]



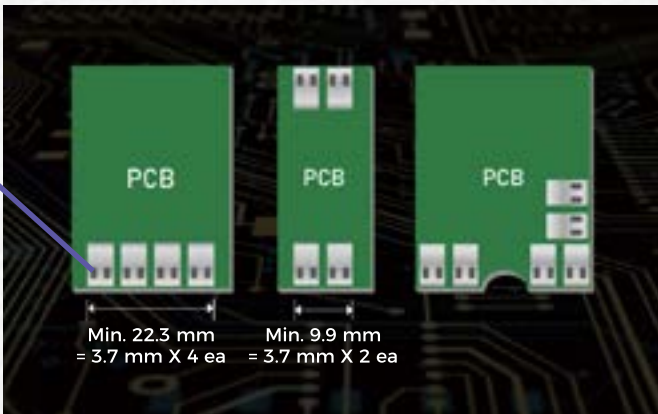
Mating Direction
Sliding Type

SV AWG32
= O.D 0.88 mm

[Plug Cable Assembly]



MGC10216 Mated into MG210RE02



Footprint(land pattern) area of multiple MG210 receptacles

Specification

Ports (RF Signal)	
Frequency	
Mating Direction	
Size (X,Y)	{ Foot Print }
Size (X,Y)	{ Top View }
Size (Z)	{ Mate Height }
Cable	Diameter
Insertion Loss (Min.)	(@10 GHz/200 mm)
VSWR (Max.)	(Up to 10 GHz)
Crosstalk (Typ.)	(Up to 10 GHz)

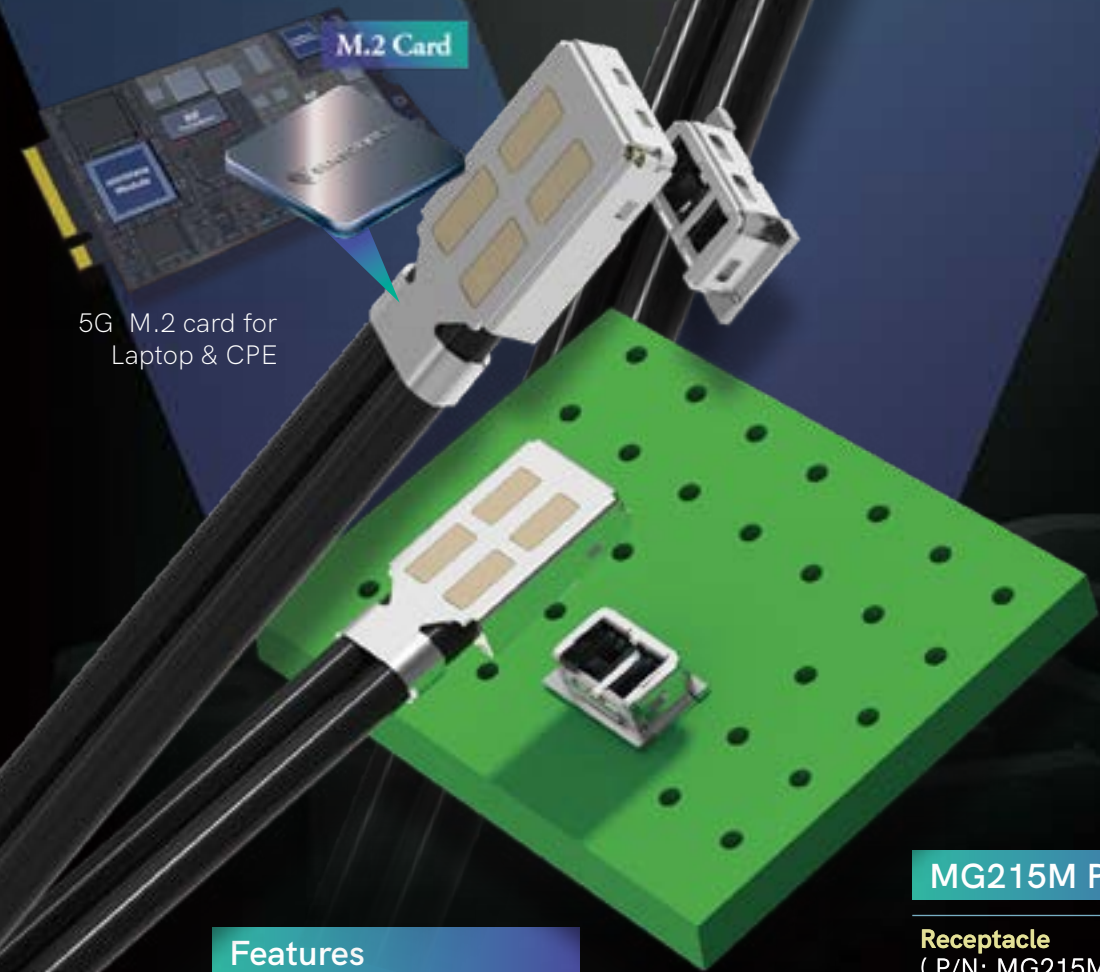
MG210

2 Ports (Can Assemble with 1 Port Connector)
Up to 10 GHz (Can Support Up to 15 GHz)
Horizontal Mating (Sliding)
4.0 x 5.9 mm
4.0 x 5.9 mm
2 mm
0.88 mm
-1.7 dB
1.5
< -45 dB

MULTI/MICRO-COAXIAL

Dual-ports RF Interconnector

MG215M



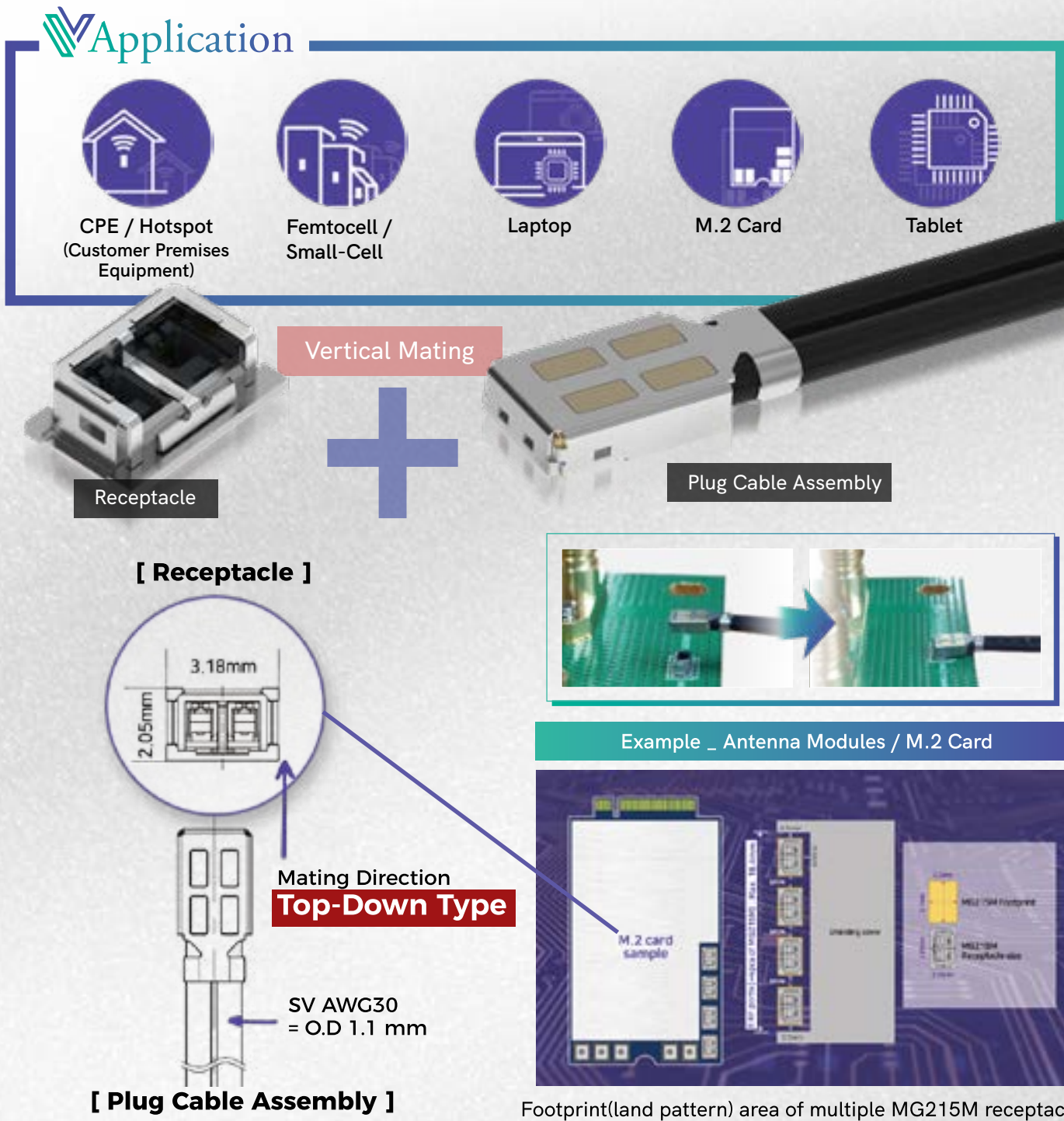
5G M.2 card for Laptop & CPE

Features

- Footprint / Mating height**
Minimize footprint and mating height with dual-ports
- Power Efficiency**
Low-loss coaxial cable (DK < 2.0)
- Minimized Crosstalk**
Each contacts are electrically/mechanically separated
- Minimized RF Interference**
Enclosure is fully shielded by ground shell

MG215M Products

- Receptacle**
(P/N: MG215MRE02)
- Plug to Plug Cable Assembly**
(P/N: MGC152XX)
- Plug to Female SMAs Cable Assembly**
(P/N: TRA2P01)
- MG215M Test Board**
(P/N: TPA2PA3)
- Tweezer for Mating and Unmating a Plug**
(P/N: GJSZZA7)



Specification		MG215M
Ports (RF Signal)		2 Ports (Can Assemble with 1 Port Connector)
Frequency		Up to 15 GHz
Mating Direction		Vertical Mating (Top-Down)
Size (X,Y)	{ Foot Print }	3.2 x 2.1 mm
Size (X,Y)	{ Top View }	3.2 x 2.1 mm
Size (Z) (Max.)	{ Mate Height }	1.45 mm
Cable	Diameter	1.1 mm
Insertion Loss (Typ.)	(@15 GHz/300 mm)	-1.8 dB
Return Loss (Max.)	(Up to 15 GHz)	-15 dB
Crosstalk (Typ.)	(Up to 15 GHz)	< -50 dB

We make your
RF the BEST



Your trusted partner
for **BEYOND-5G**

We make your RF the BEST
Antenna



For
Sub6
For
mmWave

	[For Sub6]	[For mmWave]
[Test & Measurement]	600 MHz ~ 9 GHz  OTA Chamber Wide Band Antenna	24 GHz ~ 48.5 GHz  28/29/39GHz band antenna Horn Antenna Lens Antenna
[In-building]	698 ~ 960 MHz / 1710 ~ 2690 MHz / 3.5 GHz / 5.8 GHz  Transparent Antenna (SISO) Transparent Antenna (MIMO) Disk Type Antenna (SISO/MIMO)	28 GHz  Beamforming Antenna (@W/O chip) Wide Beam Scanning Antenna



SMFinder® High-End mmWave Antenna

**Stable & Accurate
Measurement**

SMFinder® type antennas promise
stable & accurate measurement
for relative DUT performance.

Application



Lab & Bench
Test



OTA
Shield Box

Phase and Gain
Adjustable

Light-Weight

High Reliable
Performance

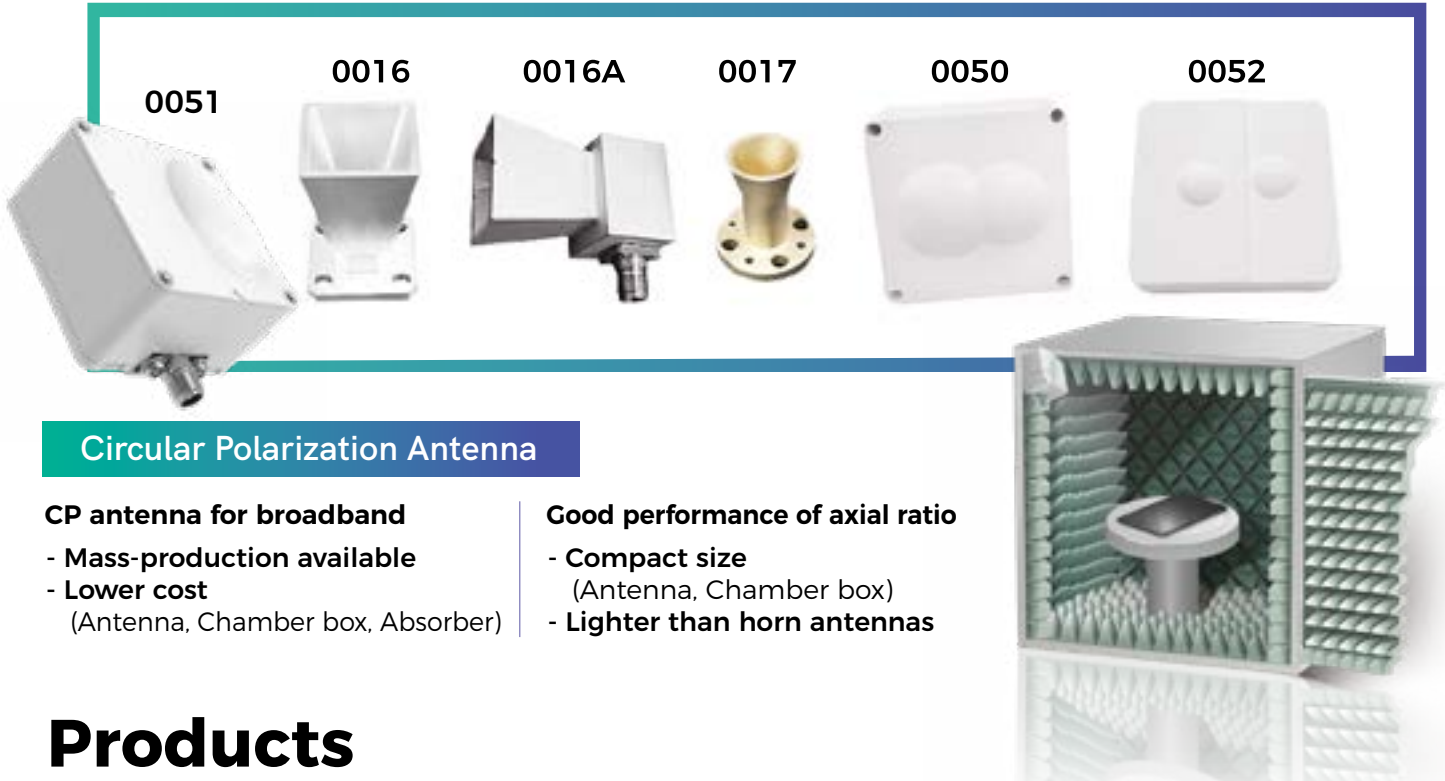
24~48GHz /
55~67GHz

Products

Figure	Product Part Name	Frequency [GHz]	Gain [dBi]	Polarization	Size [WxHxD] / [mm]	Connector Type [mm]
	0015A	24.0 ~ 40.5	15	Dual, Linear	ø35 X 80	2.4
	0015C	24.0 ~ 48.5			Linear	
	0015D			34 X 24 X 45		
	0015E	24.0 ~ 40.5	14.5	Dual, Linear	ø52 X 123	2.92
	0015F	17.0 ~ 43.5			42 X 42 X 60	2.4
	0015H	24.0 ~ 40.5			ø35 X 50	
	0015I	24.0 ~ 43.5	10	29 X 29 X 34		
	0059		12.5	Linear	36 X 38 X 50	
	0059A		11.5		40 X 40 X 29	
	D-band Horn	110 ~ 170	15		5 X 5.8 X 4	WR-06 W/ UG-387/U-M

COMPACT **OTA** TESTING

SMFinder series are highly efficient antennas for compact OTA testing.



Circular Polarization Antenna

CP antenna for broadband

- Mass-production available
- Lower cost
(Antenna, Chamber box, Absorber)

Good performance of axial ratio

- Compact size
(Antenna, Chamber box)
- Lighter than horn antennas

Products

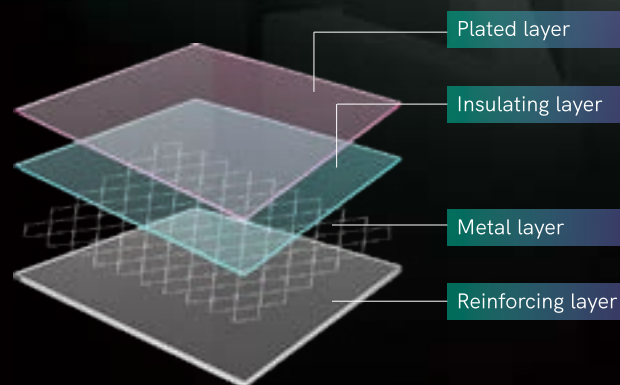
Figure	Product Part Name	Frequency [GHz]	Gain [dBic]	Polarization	Size [WxHxD] / [mm]	Connector Type [mm]
	0016	24.2 ~ 43.5	13	Circular	18 X 15 X 24	WR 28
	0016A	24.4 ~ 43.5			21 X 18 X 35	2.92
	0016B	24.2 ~ 48.5	14		18 X 20 X 41	2.4
	0016C		10.3		11 X 14 X 24	
	0017	57 ~ 67	15		ø15 X 21	WR 15
	0013A	24.2 ~ 29.5	10		27 X 27 X 14	2.92
	0050	26.5 ~ 29.5 / 37.5 ~ 40.5	11/12		42 X 42 X 22	
	0051	24 ~ 26.5 / 26.5 ~ 29.5 / 37.5 ~ 40.5	11/11/12		42 X 42 X 27	
	0052	24 ~ 26.5 / 26.5 ~ 29.5 / 37.5 ~ 40.5 / 40.5 ~ 43.5	9/9/9/9.5		42 X 42 X 11	2.4

Antennas for Sub~6GHz In-Building Solution



illum Transparent
Antenna

The Most Suitable Antenna Solution
for In-Building Networks for the New Era



95% Transparency
'ESG' Low Plastic Usage
Secured Performance

Description	Type	Frequency [GHz]	Gain [dBi]
Transparent	SISO	0.617~0.96 / 1.71~2.69 / 3.4~3.7 / 5.8	2.0 / 3.0 / 3.0 / 3.0
		0.824~0.96 / 1.71~2.17 / 2.3~2.69 / 3.4~3.7	
		1.71~2.69 / 3.4~3.7 / 5.8	3.0 / 3.0 / 3.0
	MIMO	0.617~0.96 / 1.71~2.69 / 3.4~3.7 / 5.8	2.0 / 3.0 / 3.0 / 3.0
		0.698~0.96 / 1.71~2.17 / 2.3~2.69 / 3.4~3.7	
		1.71~2.17 / 2.3~2.69 / 3.4~4.0	3.0 / 3.0 / 3.0

Broadband Performance for Various Service



Ultra-thin
(only 7mm thickness)
antenna for indoor

Reliable antenna
performance

Eco-friendly installation

SF141 type (pig tail) available
N-type or 4.3~10 (mini-DIN)
connector available

Description	Type	Frequency [GHz]	Gain [dBi]
UFO	SISO	0.698~0.96 / 1.71~2.69 / 3.4~3.7 / 5.8	3.0 / 4.0 / 4.0 / 4.0
		0.698~0.96 / 1.35~2.69 / 3.3~4.0	2.5 / 4.0 / 5.0
	MIMO	0.698~0.96 / 1.71~2.69 / 3.4~3.7 / 5.8	3.0 / 4.0 / 4.0 / 4.0
		0.698~0.96 / 1.35~1.55 / 1.71~2.69 / 3.3~4.0	4.0 / 4.0 / 4.0 / 5.0

60GHz Contactless Connectivity

ST60

Data Transmission
6.25Gbps, Total Jitter
0.375UI, 5~20mm

SAM1
Frequency: 55~65 GHz
Peak gain: 6 dBi
Max. data rate: 2.83~5.66 Gbps
Max. distance: 20~12 mm

High Speed
(6.25Gbps)

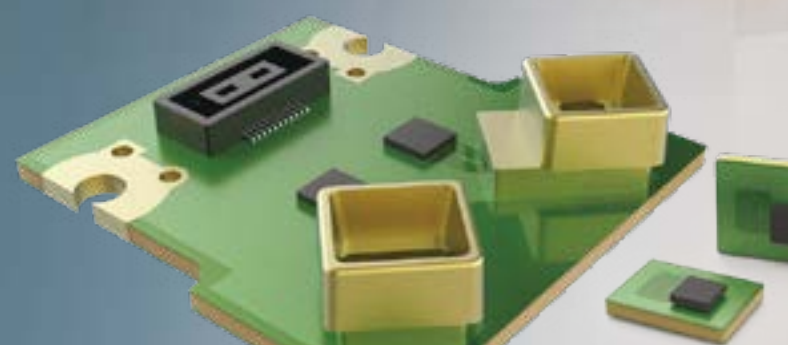
Energy
Efficiency (mW)

Near Distance
(5~20mm) 60GHz

AoB
(FR-4 PCB)

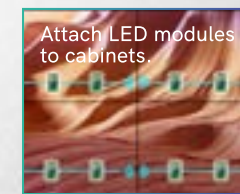
Pass the Baton
Without a Touch

**High Gain Flatness With
Miniaturized Form Factor**



We make your RF the BEST
60GHz soldering Antenna

Application



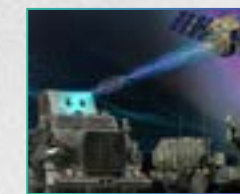
Smart Display
(Signage)



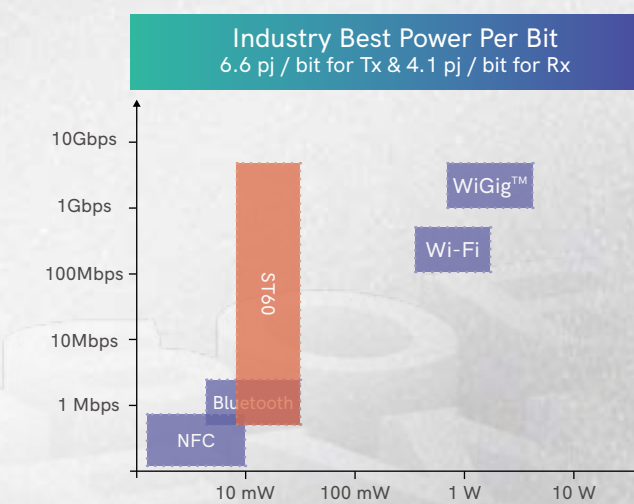
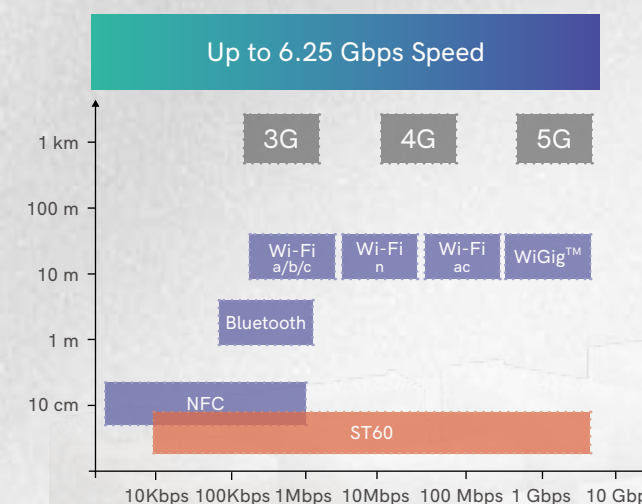
Factory Automation
(Robot)



Personal Electronics



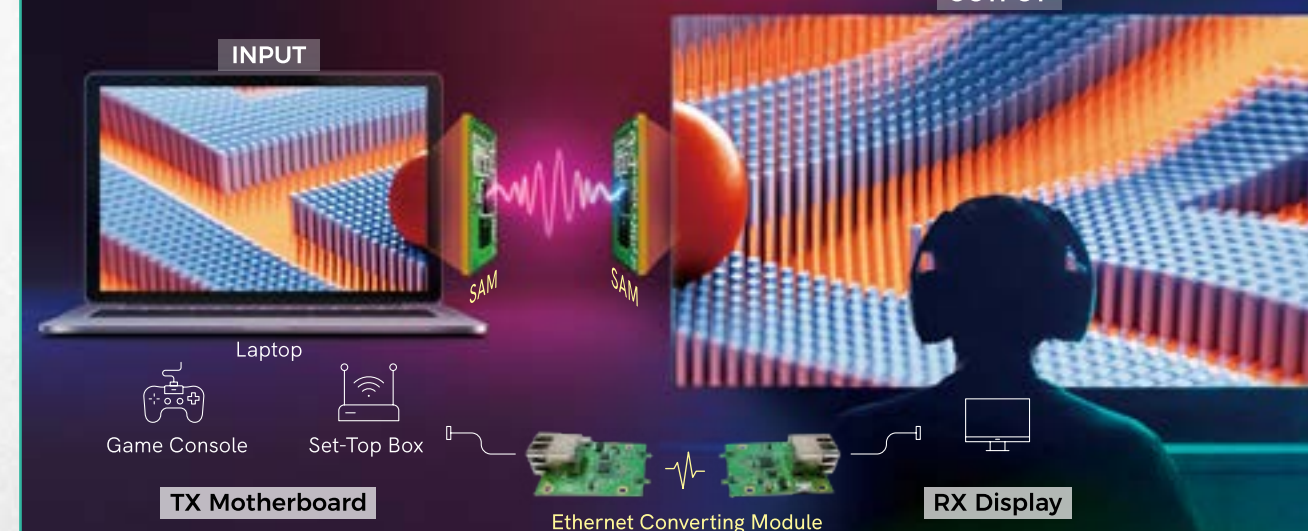
Missile Umbilical
Device Wireless



Wireless Video Transmission Module

USE CASE

OUTPUT



AoB (Antenna on Board)

Type		Figure	Frequency [GHz]	Peak Gain [dBi]	PCB FR4 Thickness [mm]
F2F	Type 1		55 ~ 65	7.4	6L 1.2T
	Type 2			7.5	
	Slant horn				4L 1T
	Multi-link			7.4	6L 1.2T
S2S	Multi-link		6.5	6L 1.2T	
	Type 1				
	Type 2		56 ~ 66		

Feature	Module Size [mm]	Product Part Name	Max. Data Rate [Gbps]	Max. Distance [mm]	
				Half Duplex	Full Duplex
Coaxial feed	16 x 17.5 x 1.2	S60PVS1A	5	25	X
Aperture coupling		S60PVS2A			
Horn	19 x 18.5 x 1.2	S60HVD2A	6.25	20	9
Coaxial feed	60.5 x 60.5 x 1.2	S60PVM1C	3	35	15
Dipole w / Dielectric guide	53 x 50 x 1.2	S60PHM1A	2.83	32	X
Vivaldi	16 x 22 x 1.2	S60PHS1A	5	12	
Quasi yagi	16 x 20 x 1.2	S60PHS2A		10	

SAM (Solderable Antenna Module)

Type	Figure	Frequency [GHz]	Peak Gain [dBi]	PCB FR4 Thickness [mm]
F2F	SAM1	55 ~ 65	6	6L 1.2T
	SAM2			
	SAM3		5	

Feature	Module Size [mm]	Product Part Name	Max. Data Rate [Gbps]	Max. Distance [mm]
Single No R/C No shield can	6.4 x 7.4	S60PVS3A	2.83 ~ 5.66	20 ~ 12
Loopback + R/C	6.4 x 10	S60PVS4A		
SAM2 + R/C + Shield can	8 x 14	S60PVS4B		16 ~ 8

Ethernet Module

Type	Figure	Frequency [GHz]	Peak Gain [dBi]	PCB FR4 Thickness [mm]
S2S	Dipole	55 ~ 66	6.5	6L 1.2T
	Horn		7.5	4L 1T

Feature	Module Size [mm]	Product Part Name	Max. Data Rate [Gbps]	Max. Distance [mm]
Dipole w / Dielectric guide	50 x 40	S60ECM1A	1.25	20
Horn	60 x 40	S60ECM2A		50

Why SENSORVIEW?

We provide custom services from development to production, ensuring the highest quality and competitive pricing for parts, boards, and cables suitable for new devices.

1 Technology Special Listing IPO & KOSDAQ

R&D Driven Structure

Over 60% Engineers /
Tech oriented HRM system

2 Tier #No.1 Quality Assurance

Production Quality Focused

Vertical integrate system (Antenna,
Cable, Connector and System)
100% In house manufacturing
(Made in Korea)

3 110GHz. Successful development

Innovative Technology

mmWave-oriented passive RF design
Optimize Material & Design Technology

Short Lead time

All products are designed
and manufactured in-house
to ensure highest quality
and fast shipping

Cost-effective

Securing global
competitiveness through
composite material expertise,
along with exquisite process
technology

Customized Engineering Excellence

All products are designed and
manufactured in-house to ensure
highest quality and fast shipping

Enhancing Stability & High Performance

It is designed for high reliability
and better performance

Representative

sales@sensor-view.com

T+82 2 2038 7765 / +82 31 607 7755

F+82 2 2038 7764

WWW.SENSOR-VIEW.COM

Website



E-Book

