



2024

SYMAIR

TECHNOLOGY

COMPANY PROFILE

SYMAIR Communication Technology (Xi'an) Co., Ltd is the trusted supplier and partner to many of the world's influential businesses and institutions.

<https://www.symair.com/>



ABOUT US



General

Introduction of SYMAIR Communication Technology

SYMAIR, headquartered in Xi'an, China, with production facilities in Guangdong, is a solutions provider for mobile communication coverage and a manufacturer of related products. Leveraging over a decade of industry experience, SYMAIR has developed four major solutions: passive DAS, RF feeder cabling, panel antennas, and RF ceramic filters, assisting customers in reducing procurement costs, enhancing network quality, and optimizing profit margins.

CONTENTS

PART01

Profile

PART02

Solutions

PART03

Certifications

PART04

Advantages

PART 01

Profile

- Company Introduction
- Quality Control
- Market Overview

Company Introduction



SYMAIR is customer-oriented and prioritizes product quality, earning the trust and support of an increasing number of domestic and international customers. By optimizing supply chain costs, enhancing delivery speed, and offering flexible cooperation terms, SYMAIR strives to support customers in achieving maximum business value.

50+

Employees

All the employees are experienced and well-trained.

10+

Engineers

Including QC engineers, R&D engineers.

2+

Facilities

For manufacturing of passive components and RF ceramic filters.

5+

Millions

Of overseas trading revenue.

Quality Control

100% Testing

For VSWR, return loss, PIM, isolation, etc.

Advanced Testing Equipment

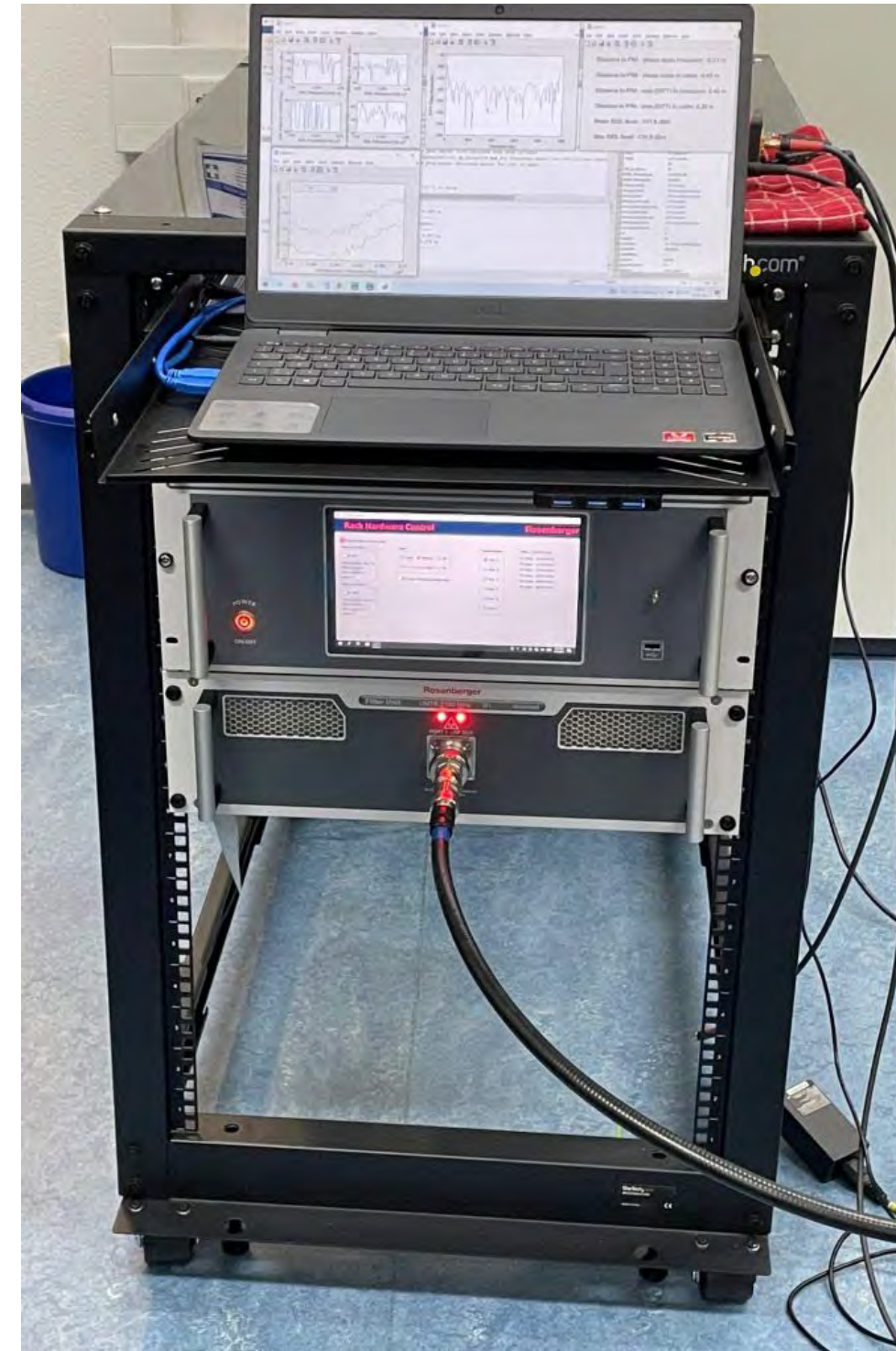
Including network analyzer, PIM analyzer, spectrum analyzer, signal analyzer, etc.

Specialized QC Engineers

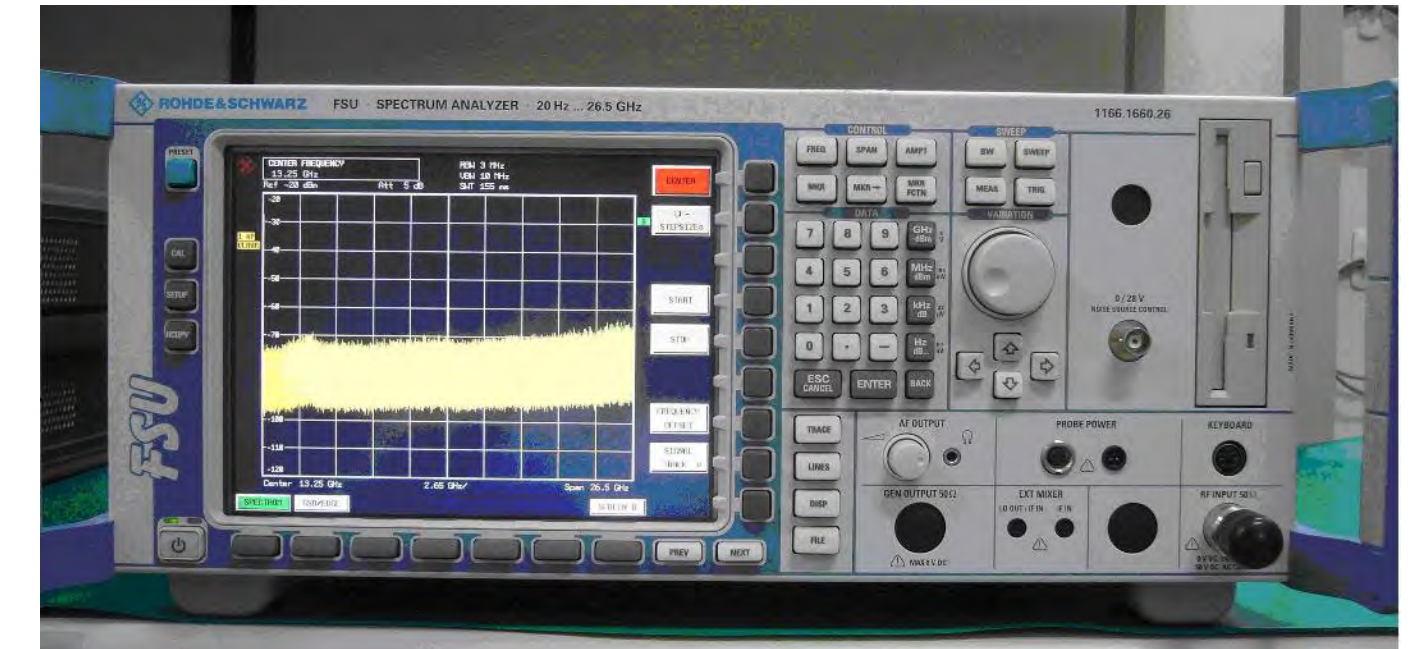
For verifications of antennas, passive components and RF ceramic filters.

Minimum 2 Years Warranty

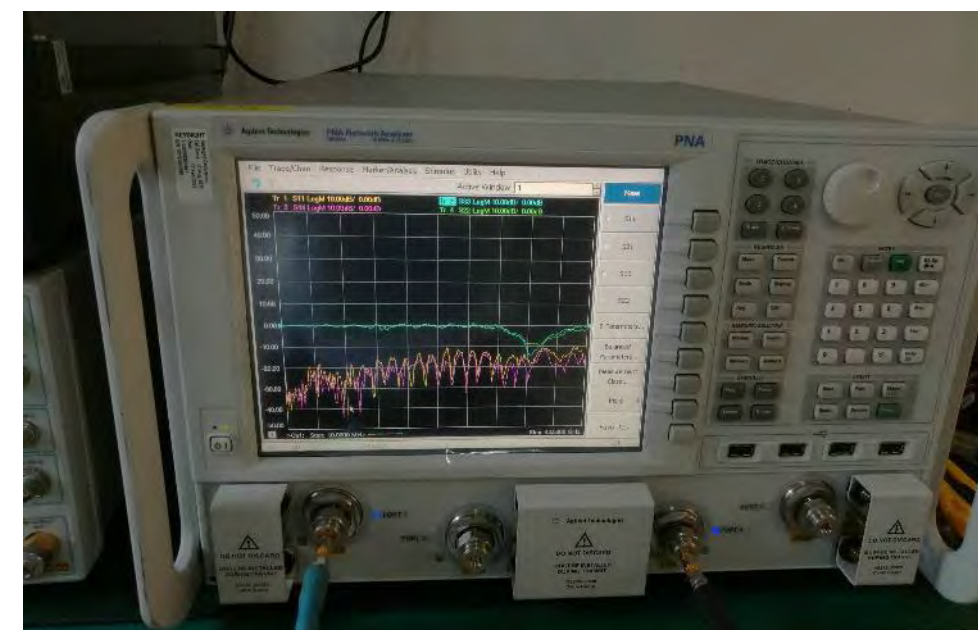
Starting from the date of delivery.



PIM Analyzer



Spectrum Analyzer

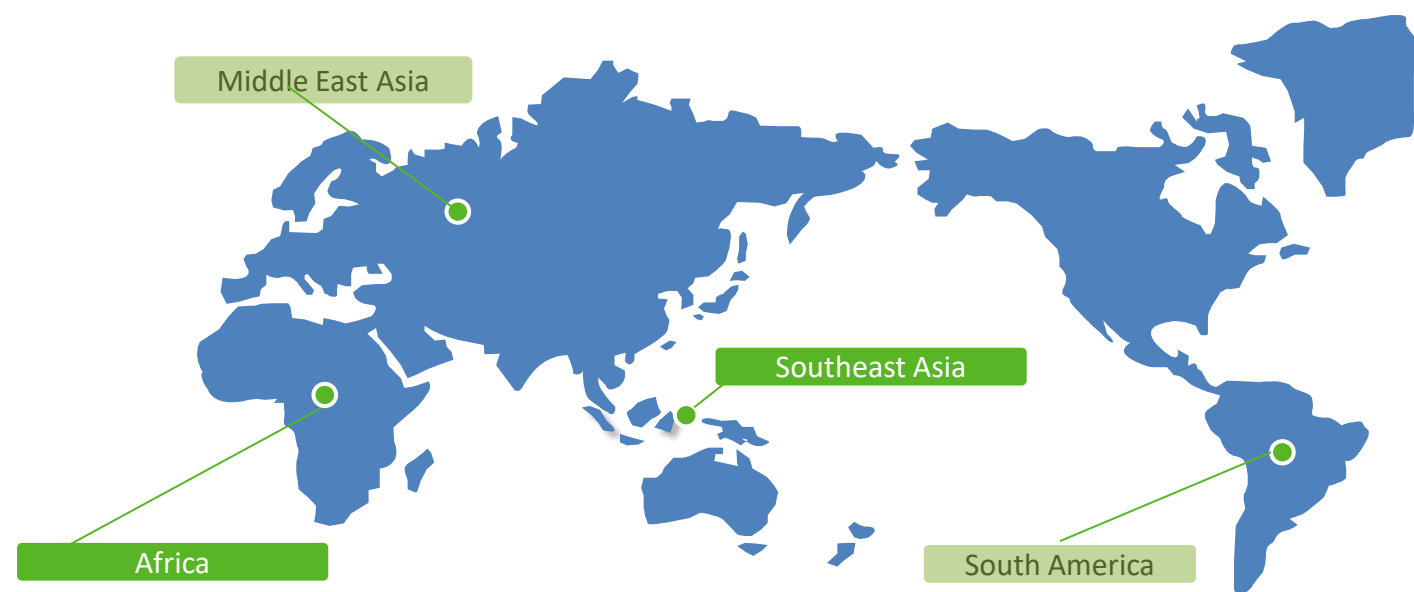


Network Analyzer

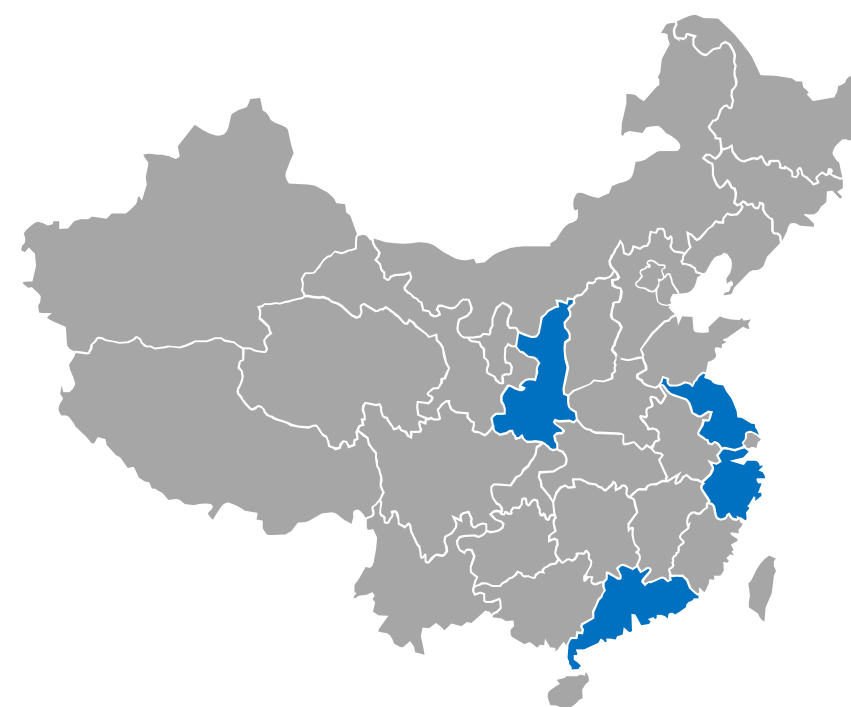


Signal Analyzer

Market Overview

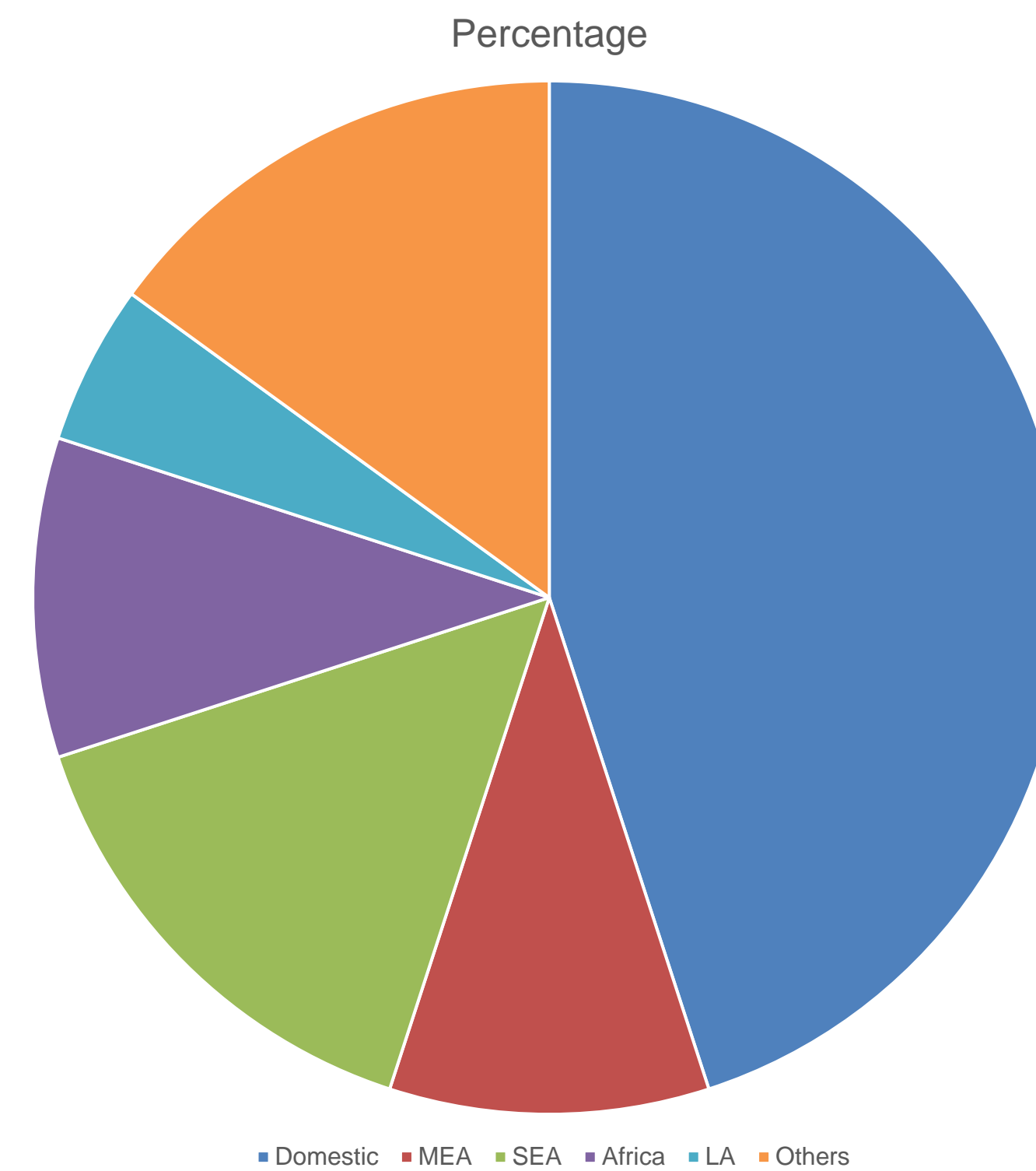


Overseas Distribution



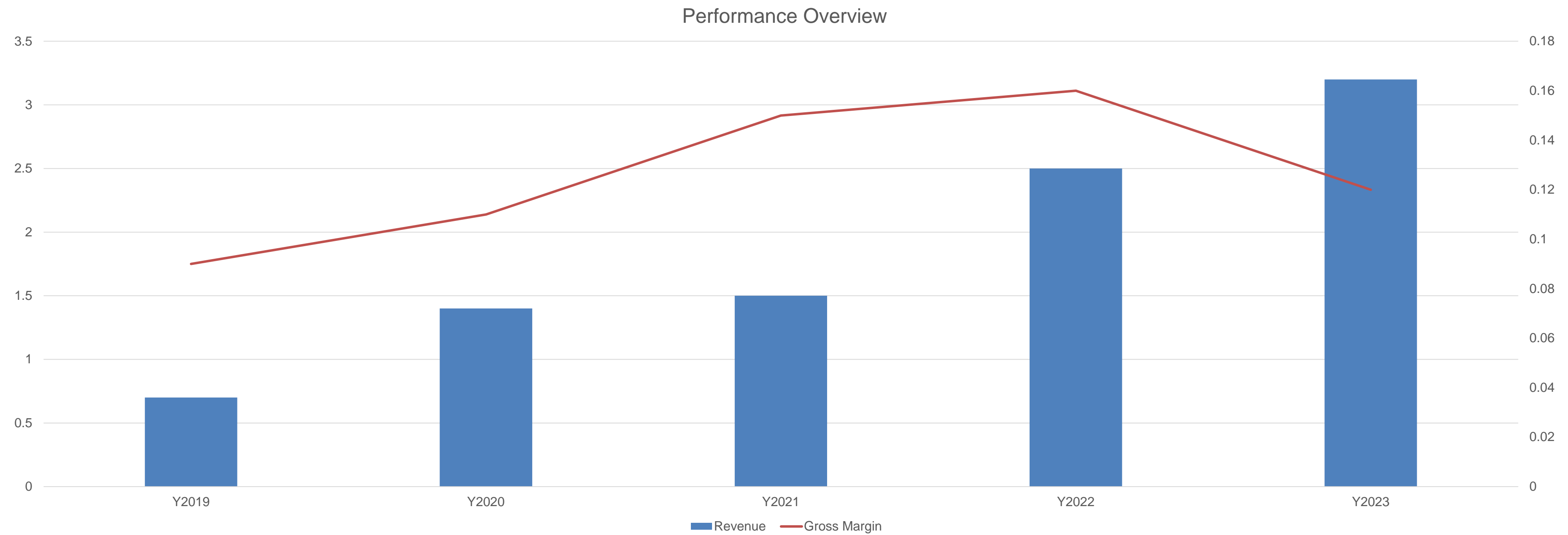
Domestic Distribution

Regions	Domestic	MEA	SEA	Africa	LATAM	Others
Percentage	45%	10%	15%	10%	5%	15%



Revenue Overview

YEAR	2019	2020	2021	2022	2023
REVENUE (MUSD)	0.7	1.4	1.5	2.5	3.2



PART 02

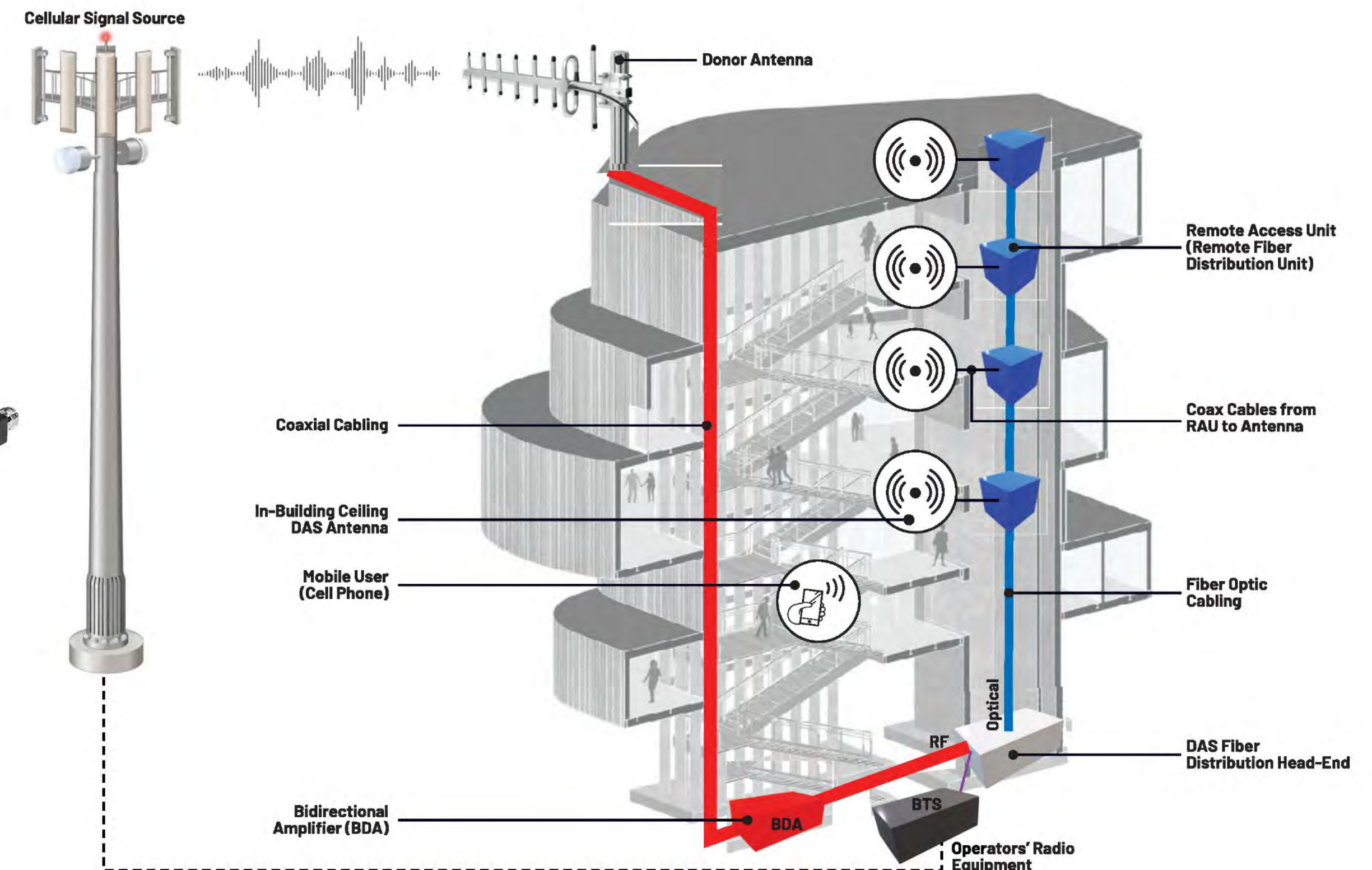
Solutions

- Passive DAS
- Outdoor Site Solution
- Panel Antennas
- RF Ceramic Filters

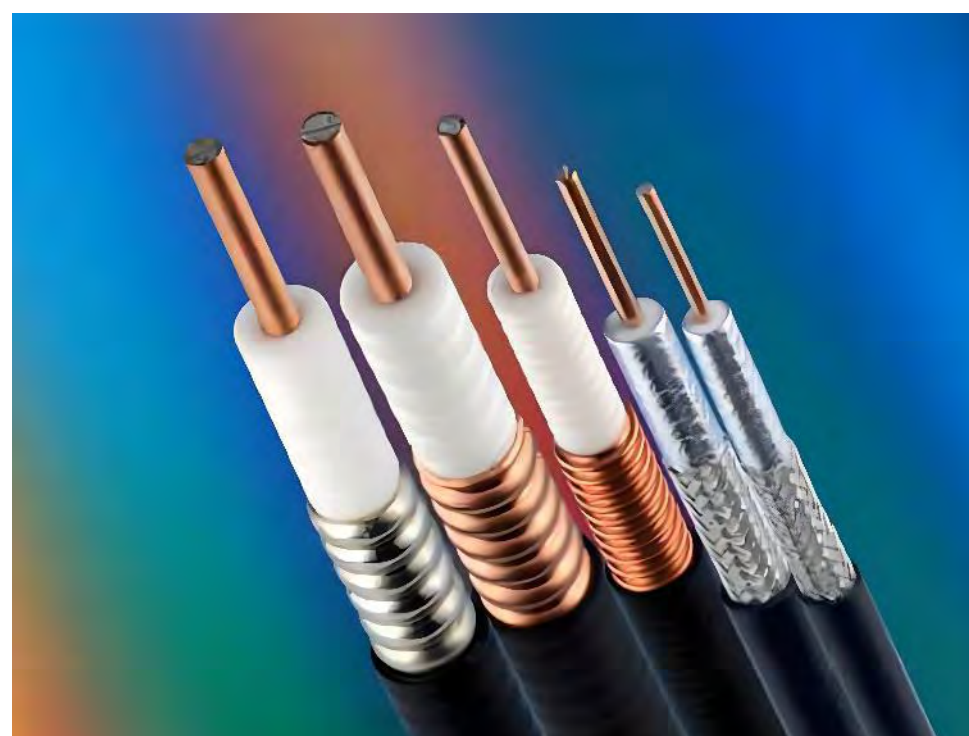
Passive DAS

SYMAIR passive DAS (Distributed Antenna System) is mainly used for indoor and outdoor telecommunications operator access, such as mobile signal coverage in shopping malls, office buildings, and high-end hotels. In addition, SYMAIR also offers customized solutions for special outdoor scenarios such as mines, tunnels, and highways.

- RF coaxial feeder cable
- Connector and adapter
- RF jumper cable
- Omni ceiling antenna
- Indoor panel antenna
- RF power splitter
- RF directional coupler
- RF power tapper
- Hybrid coupler
- RF attenuator
- RF dummy load
- Point-of-interface (POI)



Passive DAS



RF Super-flexible Feeder Cable

Categories	Part Number
1/4-inch super flexible coaxial cable, corrugated copper as outer conductor and copper-clad aluminum wire as inner conductor, with customized outer jacket.	FC50-14S-PE-01 HCAHY-50-5
	FC50-14S-LSZH-01 HCAHYZ-50-5
	FC50-14S-FRNC-01 HCAHYZ-50-5
3/8-inch super flexible coaxial cable, corrugated copper as outer conductor and copper-clad aluminum wire as inner conductor, with customized outer jacket.	FC50-38S-PE-01 HCAHY-50-7
	FC50-38S-LSZH-01 HCAHYZ-50-7
	FC50-38S-FRNC-01 HCAHYZ-50-7
1/2-inch super flexible coaxial cable, corrugated copper as outer conductor and copper-clad aluminum wire as inner conductor, with customized outer jacket.	FC50-12S-PE-01 HCAHY-50-9
	FC50-12S-LSZH-01 HCAHYZ-50-9
	FC50-12S-FRNC-01 HCAHYZ-50-9

Passive DAS



RF Standard flexible Feeder Cable



Categories	Size (inch)	Part Number
Standard flexible coaxial cable, corrugated copper tube as outer conductor and copper-clad aluminum (CCA) wire as inner conductor, with PE jacket.	1/4"	FC50-14-PE-01 HCAAY-50-6
	3/8"	FC50-38-PE-01 HCAAY-50-8
	1/2"	FC50-12-PE-01 HCAAY-50-12
Standard flexible coaxial cable, ring corrugated copper for outer conductor and smooth copper tube for inner conductor, with PE jacket.	7/8"	FC50-78-PE-01 HCTAY-50-22
	1-1/4"	FC50-114-PE-01 HCTAY-50-32
Standard flexible coaxial cable, ring corrugated copper for outer conductor and helical copper tube for inner conductor, with PE jacket.	1-5/8"	FC50-158-PE-01 HHTAY-50-42
	2-1/4"	FC50-214-PE-01 HHTAY-50-52
	3"	FC50-300-PE-01 HHTAY-50-70

Passive DAS

Aluminum Feeder Cable



Categories	Size (inch)	Part Number
Standard flexible coaxial cable, ring corrugated aluminum tape for outer conductor and smooth copper tube for inner conductor, with PE jacket.	7/8"	FC50AL-78-PE-01 HCTA(A)Y-50-22
	1-1/4"	FC50AL-114-PE-01 HCTA(A)Y-50-32
Standard flexible coaxial cable, ring corrugated aluminum tape for outer conductor and helical copper tube for inner conductor, with PE jacket.	1-5/8"	FC50AL-158-PE-01 HHTA(A)Y-50-42

Passive DAS

Air Dielectric RF Cables



Categories	Size (inch)	Impedance (ohm)	Part Number
Air dielectric coaxial feeder cable, corrugated copper as outer conductor and helical copper tube as inner conductor, customized outer jacket.	5/8"	50Ω	FC50AD-58-PE-01 SDY-50-15
	7/8"	50Ω	FC50AD-78-PE-01 SDY-50-22
	1-5/8"	50Ω	FC50AD-158-PE-01 SDY-50-40
	3-1/8"	50Ω	FC50AD-318-PE-01 SDY-50-80
	5/8"	75Ω	FC75AD-58-PE-01 SDY-50-15
	7/8"	75Ω	FC75AD-78-PE-01 SDY-50-22
	1-5/8"	75Ω	FC75AD-158-PE-01 SDY-50-40
	3-1/8"	75Ω	FC75AD-318-PE-01 SDY-50-80

Passive DAS



Radiating Cables



Categories	Size (inch)	Part Number
Coaxial radiating cable, 2650MHz, slotted copper tuned foil, black PE jacket.	7/8"	FC50R-78-PE-01 HLRCTHY-50-22
Coaxial tunnel leaky cable, 1000MHz, vertical slotted copper tuned foil, low smoke zero halogen (LSZH) jacket.	1-1/4"	FC50R-114-LSZH-02 HLRCTMYZ-50-32
Coaxial mine leaky cable, 1000MHz, slotted copper foil, flame retardant non-corrosive (FRNC) jacket.	1-5/8"	FC50R-158-FRNC-02 HLRHTMYZ-50-42
Mobile coaxial leaky cable, 2500MHz, slotted corrugated copper tube, non-halogenated and fire retardant (LSZH) jacket.	7/8"	FC50R-78-LSZH-01 HLCTYZ-50-22
Coaxial communication leaky cable, 2500MHz, slotted corrugated copper tube, low smoke zero halogen (LSZH) jacket	1-5/8"	FC50R-158-LSZH-01 HLHTYZ-50-42

Passive DAS



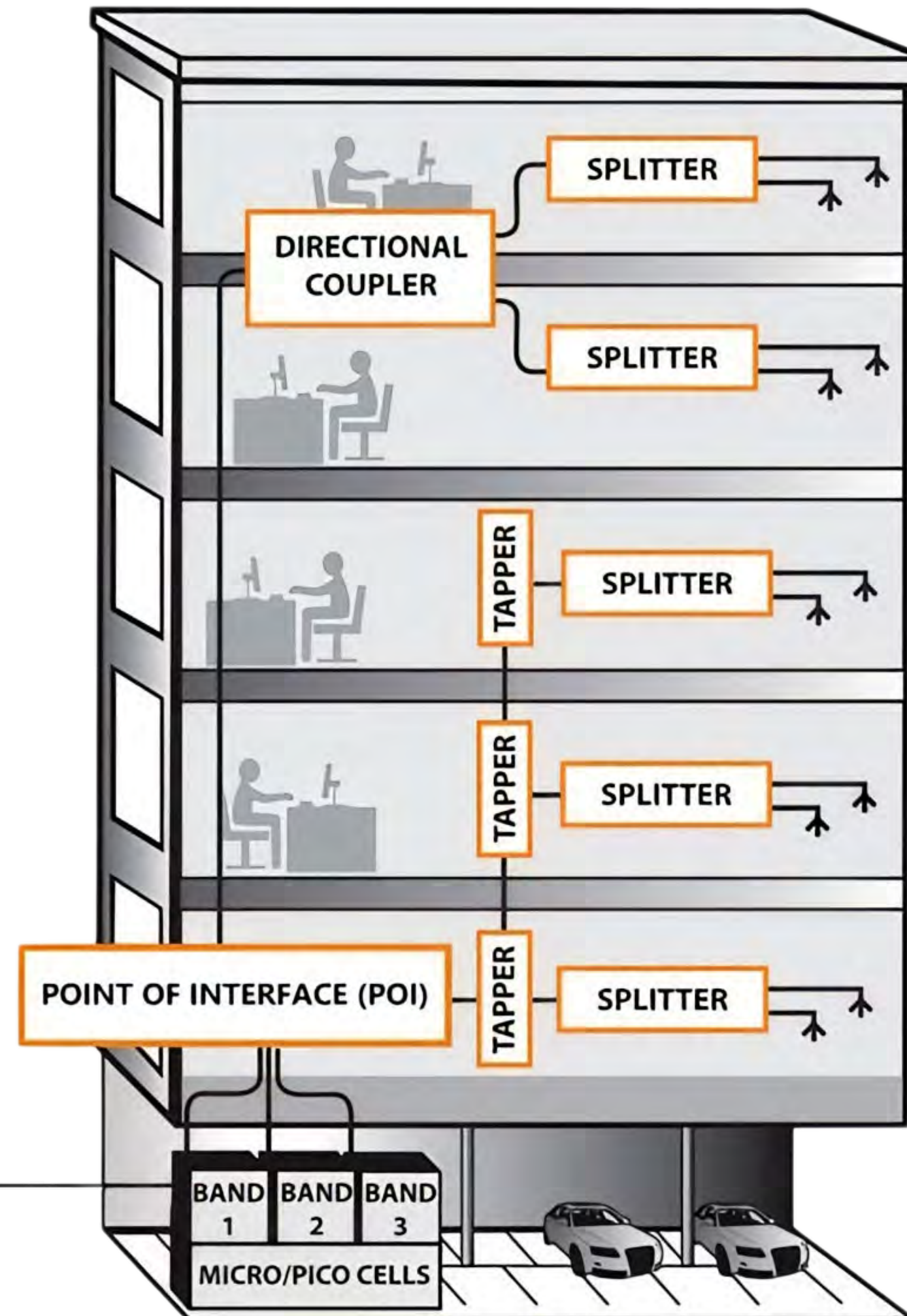
Directional Coupler



Point-of-interface



Hybrid Coupler



Dummy Load



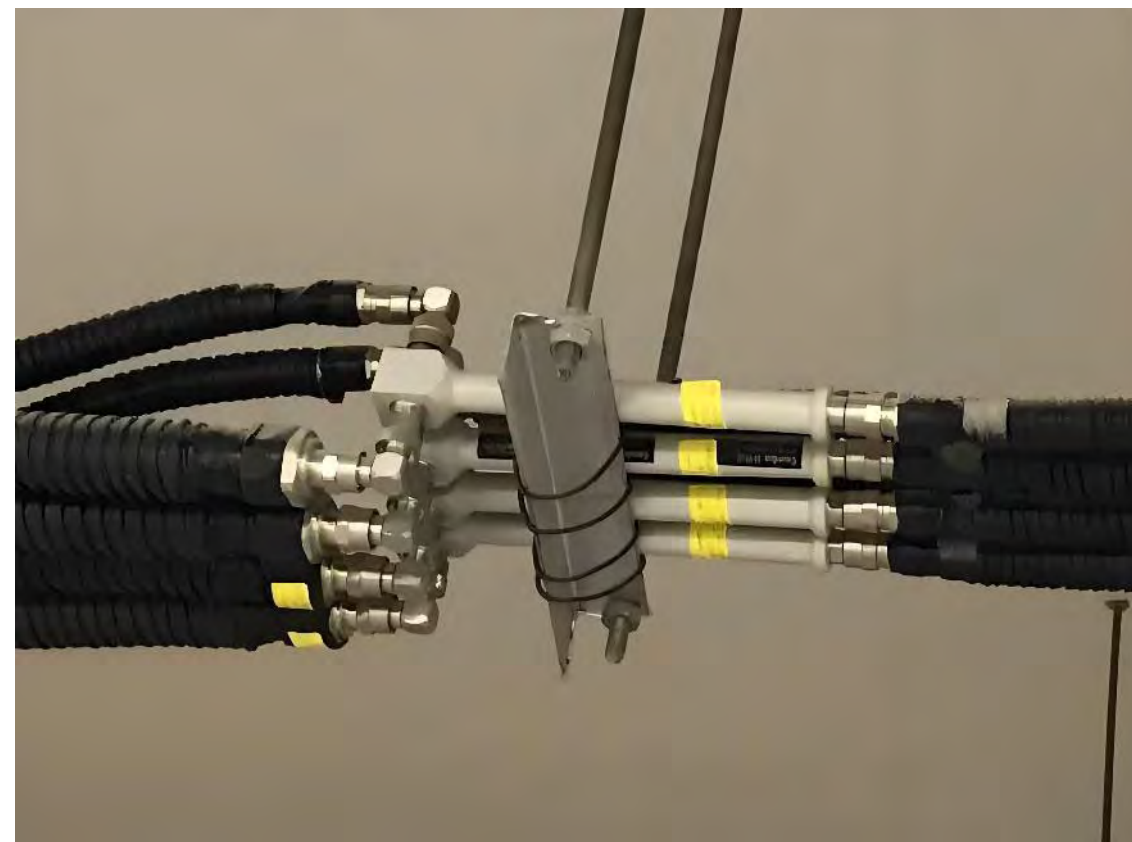
Tapper



Power Splitter

Passive DAS

RF Power Splitter



Categories	Type	Connector	PIM Value	Part Number
RF power splitter, 698-4200MHz	2-way	N female	-155dBc	PS2-0642-NF-D01
RF power splitter, 698-4200MHz	3-way	N female	-155dBc	PS3-0642-NF-D01
RF power splitter, 698-4200MHz	4-way	N female	-155dBc	PS4-0642-NF-D01
RF power splitter, 698-3800MHz	2-way	4.3-10 female	-161dBc	PS2-0638-43F-B01
RF power splitter, 698-3800MHz	3-way	4.3-10 female	-161dBc	PS3-0638-43F-B01
RF power splitter, 698-3800MHz	4-way	4.3-10 female	-161dBc	PS4-0638-43F-B01

Passive DAS

RF Directional Coupler

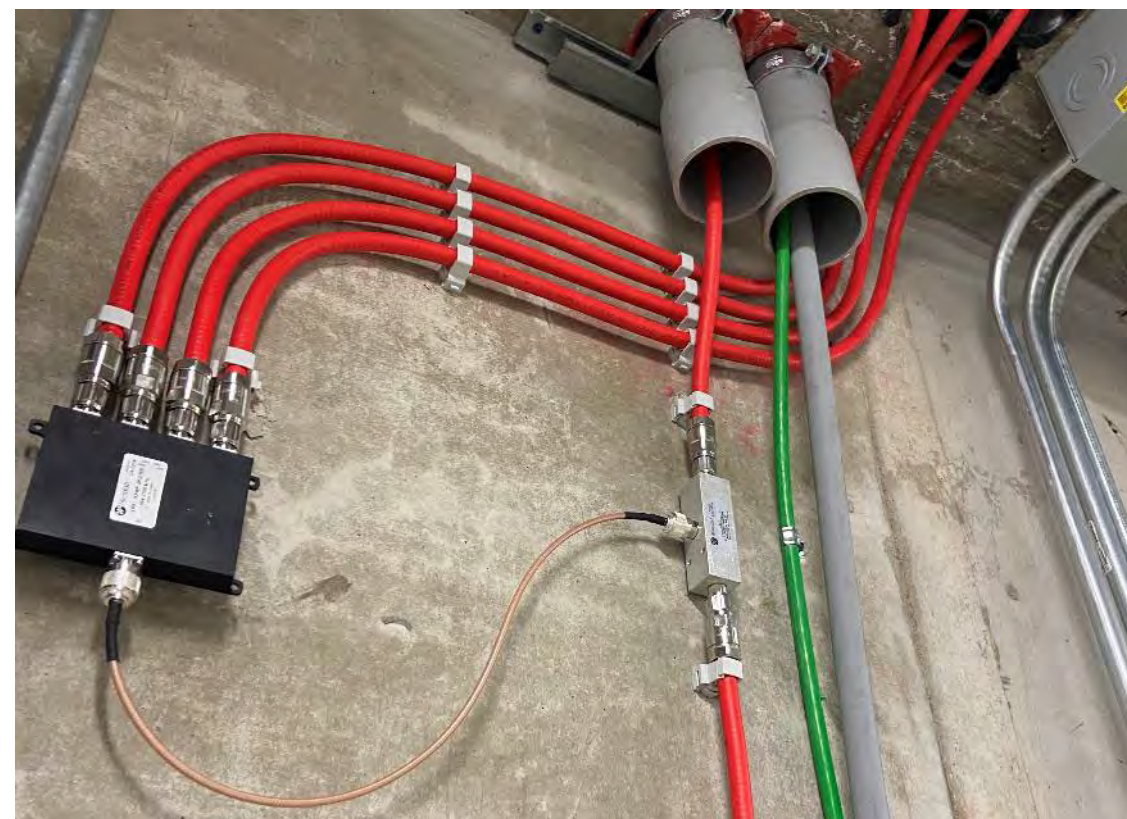


Categories	Frequency	Connector	PIM Value	Isolation	Part Number
RF Directional Coupler	698-3800MHz	4.3-10 female	-155dBc	Y	DCxx-0638-43F-D01
RF Directional Coupler	698-3800MHz	7/16 DIN female	-155dBc	Y	DCxx-0638-DF-D01
RF Directional Coupler	698-3800MHz	N female	-155dBc	Y	DCxx-0638-NF-D01
RF Directional Coupler	380-2700MHz	4.3-10 female	-161dBc	Y	DCxx-0327-43F-B01
RF Directional Coupler	380-2700MHz	7/16 DIN female	-161dBc	Y	DCxx-0327-DF-B01
RF Directional Coupler	380-2700MHz	N female	-161dBc	Y	DCxx-0327-NF-B01

Passive DAS



RF Tapper



Categories	Frequency	Connector	PIM Value	Isolation	Part Number
RF Power Tapper	698-4200MHz	4.3-10 female	-155dBc	N	TPxx-0642-43F-D01
RF Power Tapper	698-3800MHz	7/16 DIN female	-155dBc	N	TPxx-0638-DF-D01
RF Power Tapper	698-4000MHz	N female	-155dBc	N	TPxx-0640-NF-D01
RF Power Tapper	555-6000MHz	4.3-10 female	-160dBc	N	TPxx-0560-43F-C01
RF Power Tapper	698-2700MHz	7/16 DIN female	-150dBc	N	TPxx-0627-DF-F01
RF Power Tapper	800-2500MHz	N female	-145dBc	N	TPxx-0825-NF-G01

Passive DAS

Hybrid Coupler



Categories	Input: Output	Frequency	Part Number
Hybrid Coupler Low PIM High Power	2: 2	698-2700MHz	HC22-0627-NF-D01
Hybrid Coupler Low PIM High Power	2: 2	698-3800MHz	HC22-0638-DF-D01
Hybrid Coupler High Isolation	2: 1	698-960MHz	HC21-0609-DF-D01
Hybrid Coupler High Isolation	2: 1	1710-2170MHz	HC21-1721-43F-D01
Hybrid Coupler Low PIM High Power	3: 3	698-4200MHz	HC33-0642-DF-D01
Hybrid Coupler Low PIM High Power	3: 3	555-6000MHz	HC21-0560-43F-D01
Hybrid Matrix Low PIM High Power	4: 4	380-2700MHz	HC44-0327-NF-D01
Hybrid Matrix Low PIM High Power	4: 4	800-2500MHz	HC44-0825-DF-D01

Passive DAS

RF Termination Load



Categories	PIM Rate	Connector	Part Number
RF Dummy Load, 10W, DC-3GHz	-100dBc	N male	TL10-DC30-NM-01
RF Dummy Load, 25W, DC-4GHz	-120dBc	7/16 DIN female	TL25-DC40-DF-M01
RF Dummy Load, 50W, 698-2700MHz	-140dBc	4.3-10 male	TL50-0627-43M-J01
RF Dummy Load, 100W, 698-3800MHz	-150dBc	SMA female	TL100-0638-SF-F01
RF Dummy Load, 150W, 698-4200MHz	-155dBc	N female	TL150-0642-NF-D01
RF Dummy Load, 200W, 380-2700MHz	-160dBc	7/16 DIN male	TL200-0327-DM-C01

Passive DAS

RF Attenuator



Categories	PIM Rate	Connector	Part Number
RF Coaxial Attenuator, 2W, DC-3GHz	-100dBc	N male to female	ATxx-2-DC30-NMNF-01
RF Coaxial Attenuator, 5W, DC-4GHz	-120dBc	7/16 DIN male to female	ATxx-5-DC40-DMDF-M01
RF Coaxial Attenuator, 10W, 350-2700MHz	-140dBc	4.3-10 male to female	ATxx-10-0327-43M43F-J01
RF Coaxial Attenuator, 50W, 698-2700MHz	-150dBc	N male to female	ATxx-50-0627-NMNF-F01
RF Coaxial Attenuator, 100W, 698-4200MHz	-155dBc	7/16 DIN male to female	ATxx-100-0642-DMDF-D01
RF Coaxial Attenuator, 200W, 698-6000MHz	-160dBc	4.3-10 male to female	ATxx-200-0660-43M43F-C01

Passive DAS



Point-of-interface

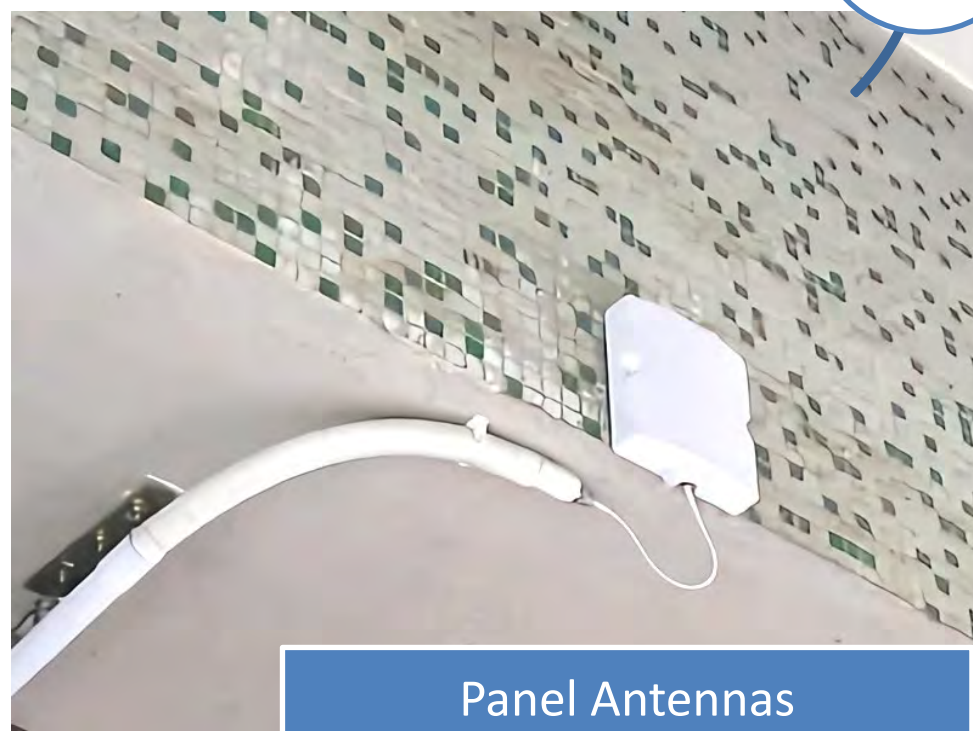
POI (point-of-interface) is a passive integrated system, which is widely used in DAS system for signal combination, especially for multi-band, multi-operator scenarios.

SYMAIR POI features high isolation and low PIM, effectively reducing inter-system interference and enhancing network quality.

Categories	Input Port / Output Port	Part Number
Multi-input multi-output combiner, 900/1800/2100/2600MHz, used for passive DAS deployment	16 / 4	POI-1604-DF-F01
Multi-operator POI, 800/900/1800MHz, 19" rack mounting, N female	6 / 1	POI-0601-DF-F01
IBS multi-input combiner unit, 24-port, multi-operator combination, MIMO application	24 / 4	POI-2404-DF-F01
DAS combiner unit, 900/1800/2300MHz, indoor coverage, wall mounting	6 / 1	POI-0601-NF-F01
C-DAS combiner, sharing DAS, 6-input and 2-output, 1800/2300/2600MHz	6 / 2	POI-0602-NF-F01
IBS coverage point of interface, N78 band, 19" cabinet installation	20 / 2	POI-2002-DF-F01

Passive DAS

1 Regular IBS Antennas



Panel Antennas

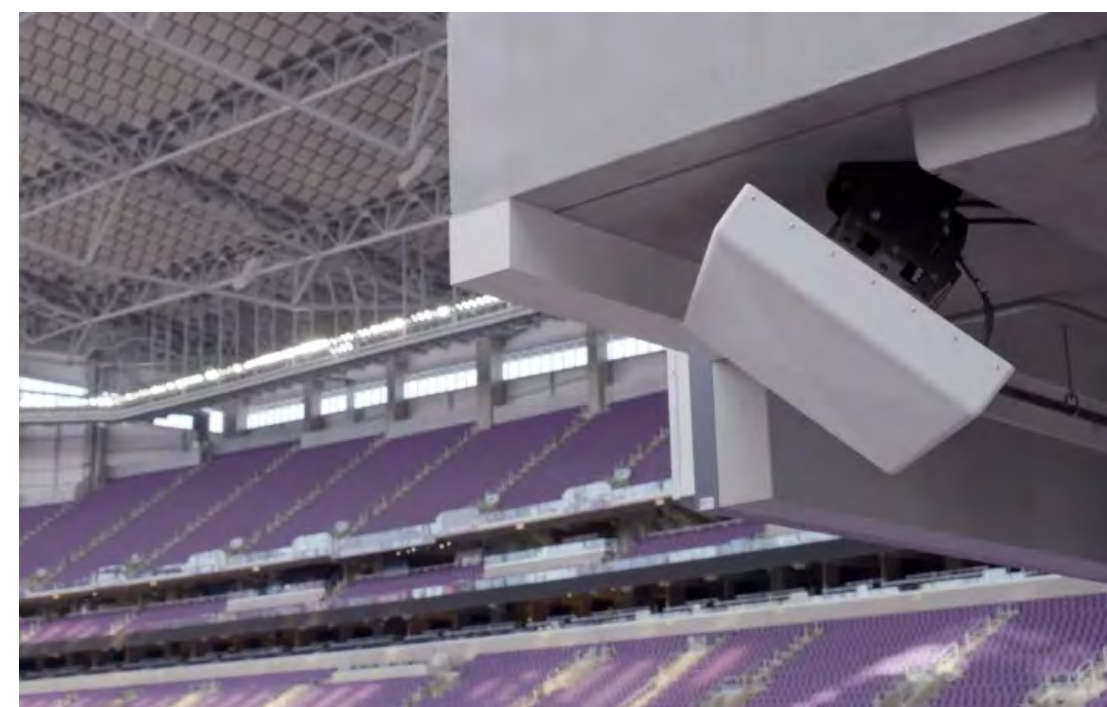


Omni Antennas

2 Coverage for Particular Scenarios



Elevator Coverages

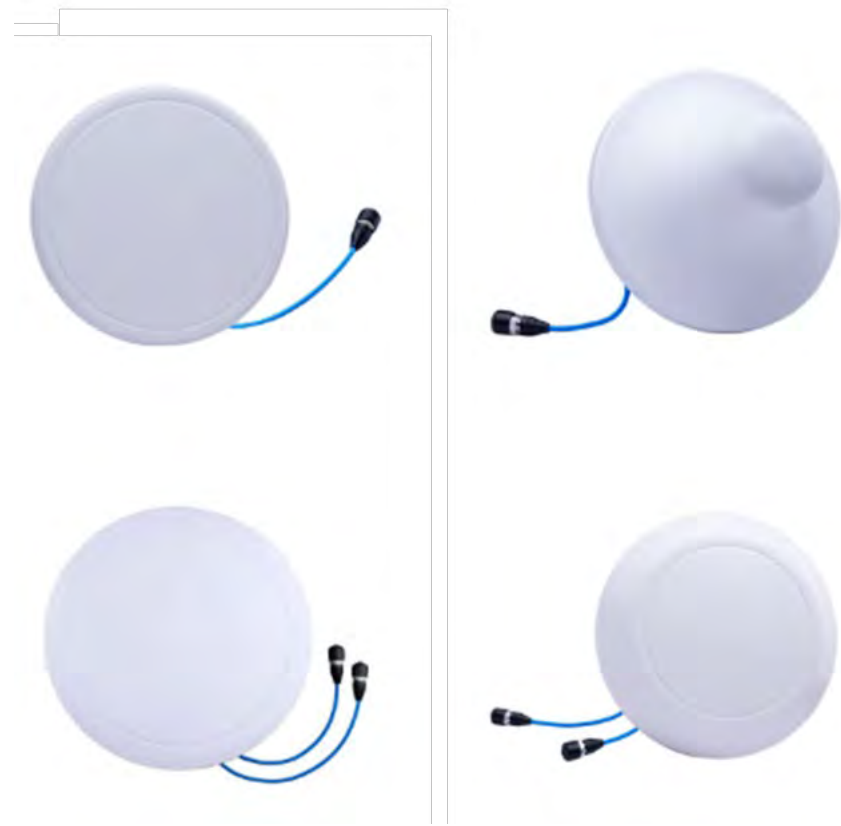


Venue/Stadium Coverages



Tunnel Coverages

Passive DAS

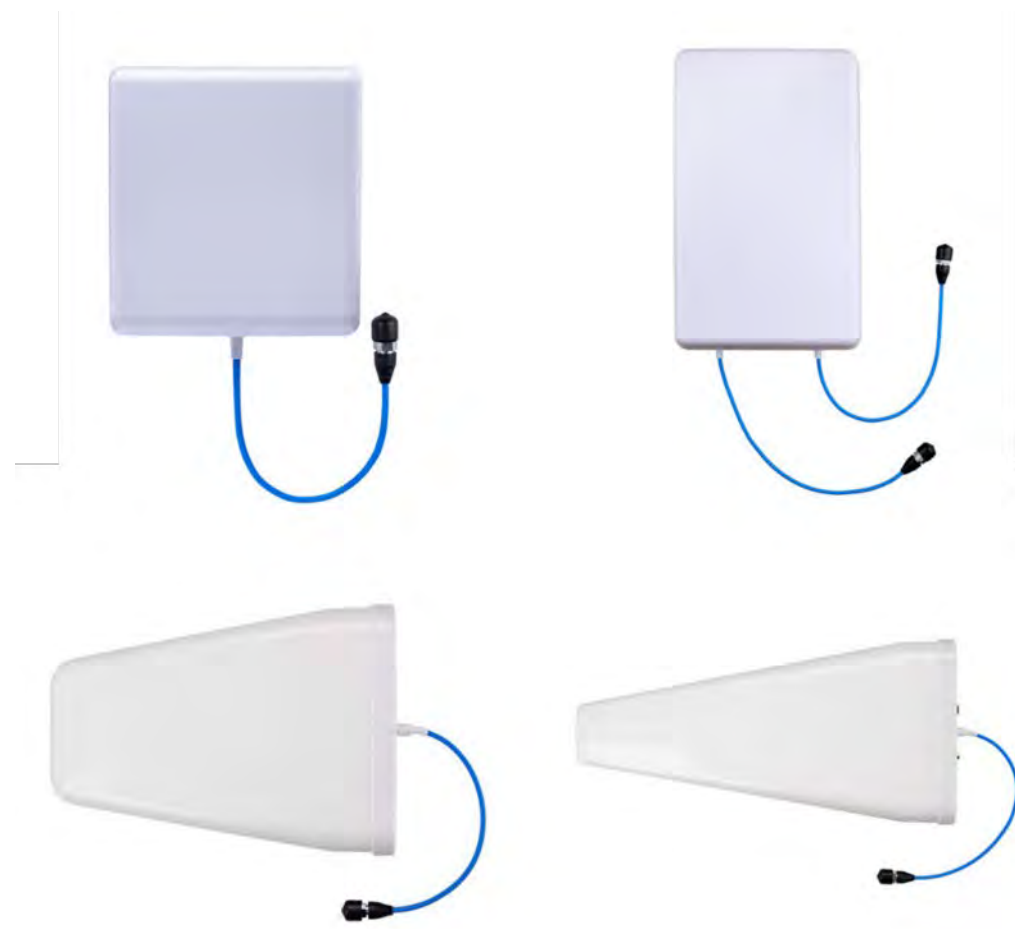


Omni Ceiling Antenna



Categories	Frequency	Connector	Part Number
Omni directional antenna, indoor ceiling antenna, 1-port SISO	698-2700MHz	N female	AOD-1S-0627-NF-01
Omni directional antenna, indoor ceiling antenna, 1-port SISO	698-3800MHz	4.3-10 female	AOD-1S-0638-43F-01
Omni directional antenna, indoor ceiling antenna, 1-port SISO, Slim	698-4200MHz	N female	AOD-1S-0642-NF-01
Omni directional antenna, indoor ceiling antenna, 1-port SISO, Slim	380-2700MHz	4.3-10 female	AOD-1S-0327-43F-01
Omni directional antenna, indoor ceiling antenna, 2-port MIMO	698-2700MHz	N female	AOD-2M-0627-NF-01
Omni directional antenna, indoor ceiling antenna, 2-port MIMO	698-3800MHz	4.3-10 female	AOD-2M-0638-43F-01
Omni directional antenna, indoor ceiling antenna, 4-port MIMO	698-4200MHz	N female	AOD-4M-0642-NF-01
Omni directional antenna, indoor ceiling antenna, 4-port MIMO	380-2700MHz	4.3-10 female	AOD-4M-0327-43F-01

Passive DAS



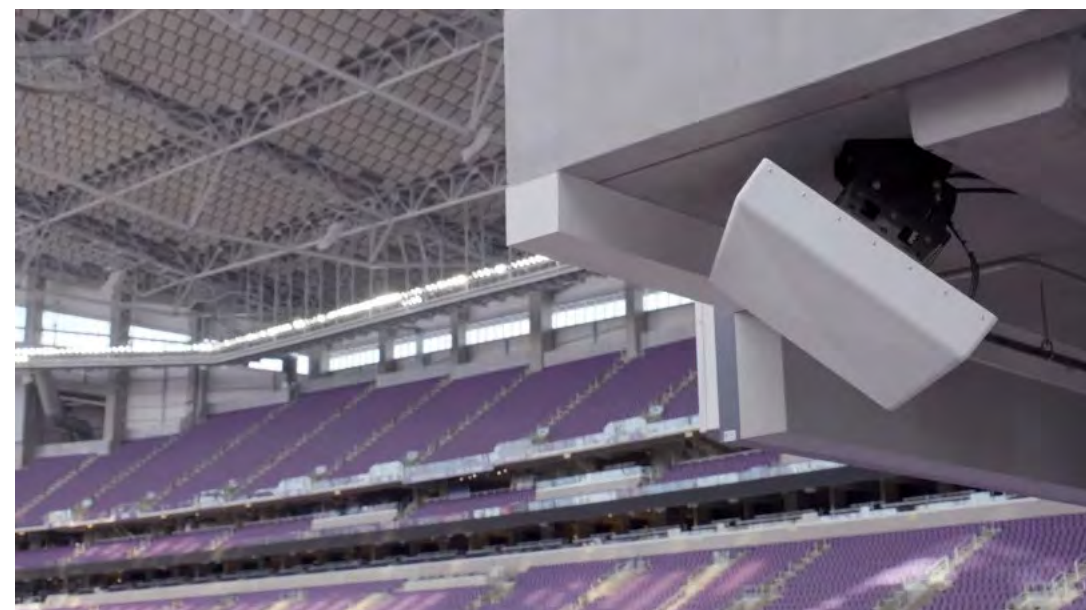
Directional Panel Antenna

Categories	Frequency	Connector	Part Number
Directional panel antenna, indoor, 65 deg, wide band, 1-port SISO	698-2700MHz	N female	APD-1S-0627-NF-01
Directional panel antenna, indoor, 65 deg, wide band, 1-port SISO	698-3800MHz	4.3-10 female	APD-1S-0638-43F-01
Directional panel antenna, indoor, 65 deg, wide band, 2-port MIMO	698-4200MHz	N female	APD-2M-0642-NF-01
Directional panel antenna, indoor, 65 deg, wide band, 2-port MIMO	698-3800MHz	4.3-10 female	APD-2M-0638-43F-01
Directional panel antenna, indoor, 65 deg, wide band, 4-port MIMO	698-2700MHz	N female	APD-4M-0627-NF-01
Log-periodic directional antenna, indoor and outdoor, 1-port SISO	380-2700MHz	4.3-10 female	ALP-1S-0327-43F-01
Log-periodic directional antenna, indoor and outdoor, 2-port MIMO	698-2700MHz	N female	ALP-1S-0627-NF-01

Passive DAS



Stadium Antenna



Categories	Frequency	Connector	Part Number
Low PIM Directional High Capacity Over-the-head Venue Antenna, 4x4 MIMO	1695–2700/3300-4200MHz	N female	ASD-6060-1738Q-NF-E01
Directional High Gain 4x4 MIMO Stadium Antenna, 30-Deg	1710-2700MHz	N female	ASD-3030-1727Q-NF-E01
Directional High Capacity 2x2 MIMO Stadium Antenna, 30-Deg	694-960/1710-2700MHz	N female	ASD-3030-0627Q-NF-E01
Directional High Gain 2x2 MIMO Stadium Antenna, 60-Deg	694-960/1710-2700/3300-3800MHz	N female	ASD-6030-0638D-NF-E01
Directional High Capacity 2x2 MIMO Stadium Antenna, 30-Deg	1710-2700/3300-4200MHz	N female	ASD-3030-1742Q-NF-E01
Directional High Capacity 2x2 MIMO Venue Antenna, 30-Deg	1710-2700/3300-4200MHz	N female	ASD-3030-1742Q-NF-E01
Directional High Gain 2x2 MIMO Venue Antenna, 60-Deg	694-960/1710-2700/3300-3800MHz	N female	ASD-6030-0638Q-NF-E01

Outdoor Site Solution

SYMAIR can provide the RF products for outdoor cellular macro sites in a one-stop manner. Whether it is a tower site or a rooftop site, we can supply RF cable assemblies, environmental kits, and other installation accessories.

- Connector and adapter
- RF jumper cable
- RF combiner and filter
- Hybrid combiner
- Multi-band combiner
- Same-band combiner
- Interference mitigation filter



Outdoor Site Solution



Connector / Adapter

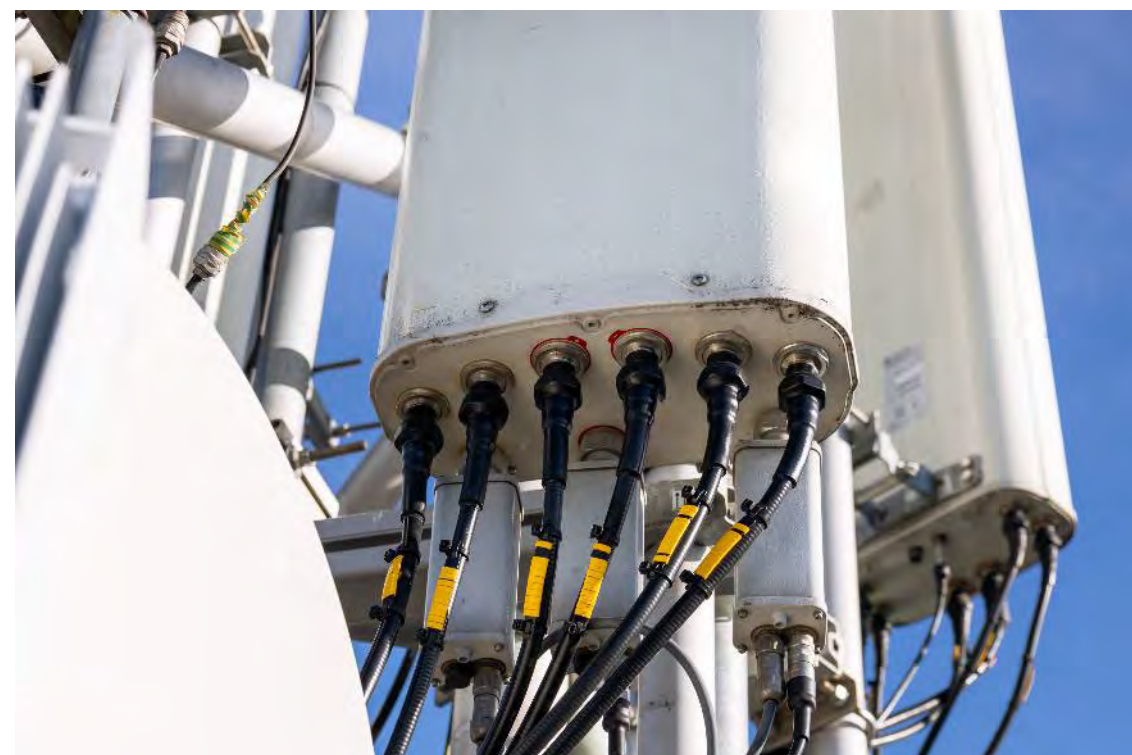


Categories	PIM Rate	Part Number
4.3-10 female connector for 1/2" foam coaxial cable	-155dBc	CC12-43F-D01
7/16 DIN female connector for 7/8" foam coaxial cable	-160dBc	CC78-DF-C01
N female connector for 1-1/4" foam coaxial cable	-160dBc	CC114-NF-C01
RF Adapter 4.3-10 female to 4.3-10 female straight	-155dBc	AD2-43F-43F-S-D01
RF Adapter DIN 7/16 male to DIN 7/16 female right angle	-160dBc	AD2-DF-DM-RA-C01
RF Adapter N female to N female straight	-160dBc	AD2-NF-NF-S-C01
RF Adapter N male to N female right angle	-155dBc	AD2-NF-NM-RA-D01

Outdoor Site Solution



RF Jumper Cable



Categories	Cable Size	Part Number
Coaxial jumper cable SF 1/4"-50-PE, 7-16 male right angle to N male right angle, 1 meters	1/4-inch SF	CA14S-PE-DMA-NMA-C01
Coaxial cable assembly SF 1/4"-50-FRNC, 7-16 male straight to N male straight, 15 meters	1/4-inch	CA14-FR-DM-NM-C01
Outdoor jumper cable SF 3/8"-50-PE, 4.3-10 male right angle to 4.3-10 male right angle, 5 meters	3/8-inch SF	CA38S-PE-43MA-43MA-C01
RF cable assembly SF 3/8"-50-PE, N male right angle to N male right angle, 10 meters	3/8-inch	CA38-PE-NMA-NMA-C01
RF jumper cable SF 1/2"-50-PE, 7-16 male right angle to 4.3-10 male right angle, 3 meters	1/2-inch SF	CA12S-PE-43MA-DMA-C01
RF cable assembly SF 1/2"-50-LSZH, N male right angle to N male right angle, 10 meters	1/2-inch	CA12-LS-NMA-NMA-C01

Outdoor Site Solution



RF Combiner / Filter



Categories	Type	Part Number
Low PIM hybrid combiner 2:1 (2-input and 1-output), 694-960MHz, 7/16 DIN female	Hybrid Combiner	HC21-0609-DF-F01
Low PIM twin 1800MHz hybrid combiner 4:2 (4-input and 2-output), 1710-2170MHz, N female	Hybrid Combiner	HC21D-1721-NF-F01
Outdoor twin diplexer, 1800-2100/2300-2600MHz, DC bypass for all ports, 4.3-10 female	Diplexer	MBC2D-TR-43F-D01
Outdoor double unit triplexer, 555-894/PCS/AWS+WCS, 7/16 DIN female	Triplexer	MBC3-QJAP-DF-D01
Quadplexer, 850/900/1800/2100MHz, DC bypass for all ports, 7/16 DIN female	Quadplexer	MBC4-JKGH-DF-D01
Outdoor interference mitigation filter with pass band 2575-2615MHz double unit	IMF Filter	IMF-26D-43F-D01

Panel Antennas

SYMAIR can provide indoor and outdoor panel antennas for directional coverage of mobile signals, including high gain dual-polarization antennas, multi-frequency and multi-port antennas, narrow beam rectangular wave antennas, stadium antennas, elevator coverage antennas, etc., which can meet the requirements of most wireless coverage scenarios for customers.



Panel Antennas

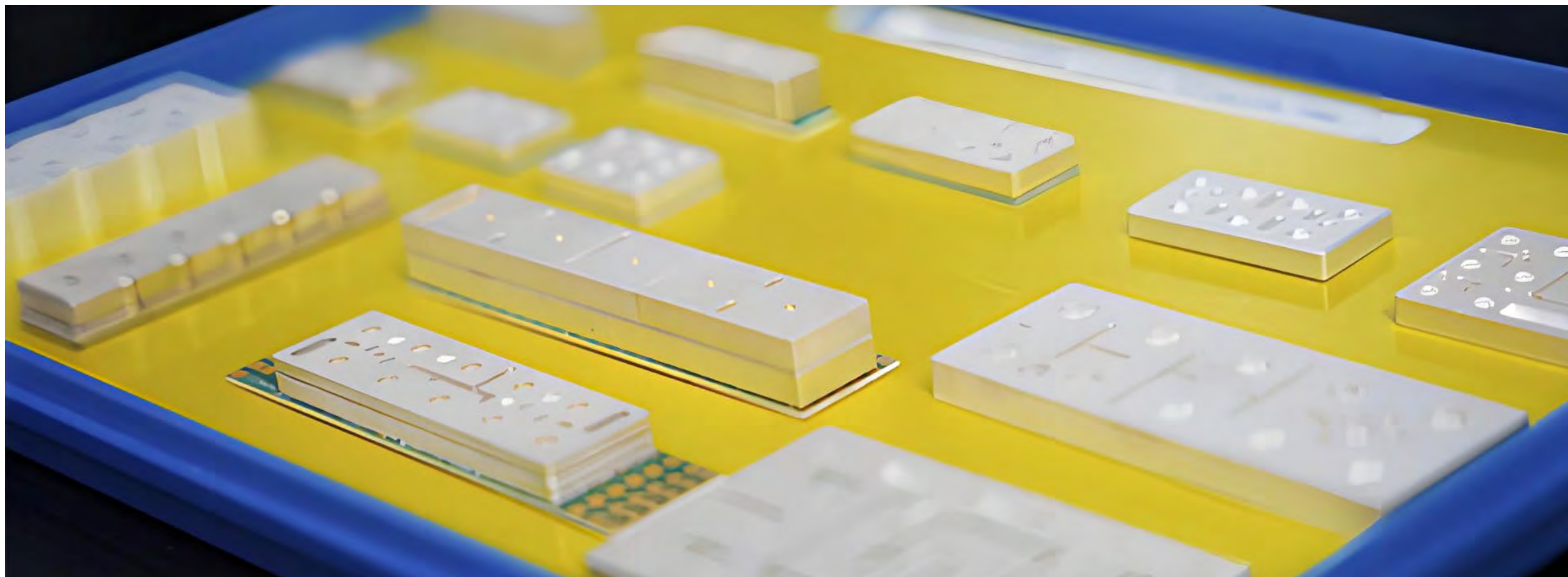
Small Cell Panel Antennas



Categories	Type	Part Number
Base Station Antenna, 1710-2700MHz×2 30°10dBi 0°Fixed Electrical Down tilt Antenna	2H, XXPol	ASC-2H-10-30-P4-43F-F01
Small Cell Antenna 698-960MHz×2/1710-2690MHz×2 65°/65° 10.5/12.5dBi 0°/0° Fixed Electrical Down tilt Antenna, with Combiner Integrated	2L2H, XXXXPol	ASC-2L2H-1012-6565-P4-43F-F01
Sector Antenna 1710-2700MHz/3400-3600MHz 30° 10dBi 0° Fixed Electrical Down tilt Antenna	1H1N, XXPol	ASC-1H1N-1313-3030-P4-43F-F01
Cellular Outdoor Sector Antenna 1695-2690MHz×2/3300-4200MHz×2 65°/65° 12.5/12.5dBi 0°/0° Fixed Electrical Down tilt Antenna	2H2N, XXXXPol	ASC-2H2N-1212-6565-P8-43F-F01
High Gain Cellular Sector Antenna 698-960MHz×2 65° 12dBi 0° Fixed Electrical Down tilt Antenna	2L, XXPol	ASC-2L-11-65-P4-43F-F01
Base Station Antenna 698-960MHz/1710-2690MHz/3300-3800MHz×2 65°/65°/65° 11.0/14.0/13.5dBi 3°/3°/3° Fixed Electrical Down tilt Antenna	1L1H2N, XXXXPol	ASC-1L1H2N-111313-656565-P8-43F-F01

RF Ceramic Filters

SYMAIR provides customers with ceramic RF devices, including RF ceramic filters, ceramic waveguides, and RF monoblocks through our own factory. We provide ODM services to customers throughout the entire process of design – verification – production - delivery.



RF Ceramic Filter

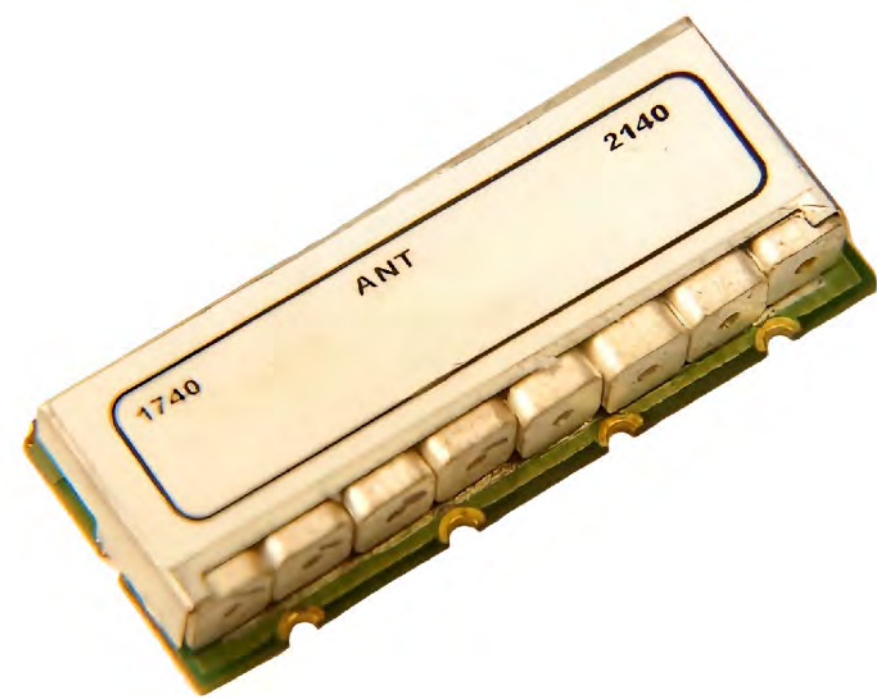


RF Ceramic Waveguides



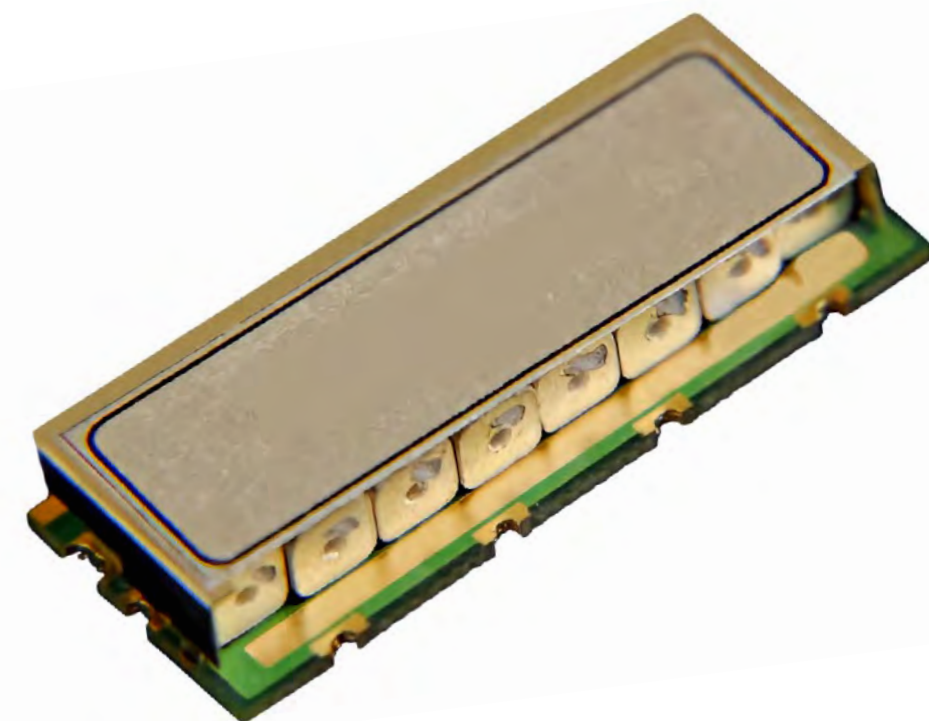
Categories	Part Number
Ceramic waveguide filter, F0 3950MHz, bandwidth 100MHz, 23dB rejection, used for GPS systems	CWG-39S-100-01
Ceramic waveguide filter, F0 2160MHz, bandwidth 20MHz, 42dB rejection, used for BD applications	CWG-21S-20-01
Ceramic waveguide filter, F0 3350MHz, bandwidth 100MHz, 30dB rejection, used for GLONASS systems	CWG-33S-100-01
Ceramic waveguide filter, F0 2253.5MHz, bandwidth 40MHz, 42dB rejection, used for 5G equipments	CWG-22S-40-01
Ceramic waveguide duplexer, F0 1747.5MHz / 1842.5MHz, bandwidth 75MHz, 50dB rejection, used for GPS and GLONASS	CWG-17D-75-01
Ceramic waveguide duplexer, F0 6675MHz / 7015MHz, bandwidth 170MHz, 65dB rejection, used for GPS antennas	CWG-66D-170-01

RF Ceramic Filter

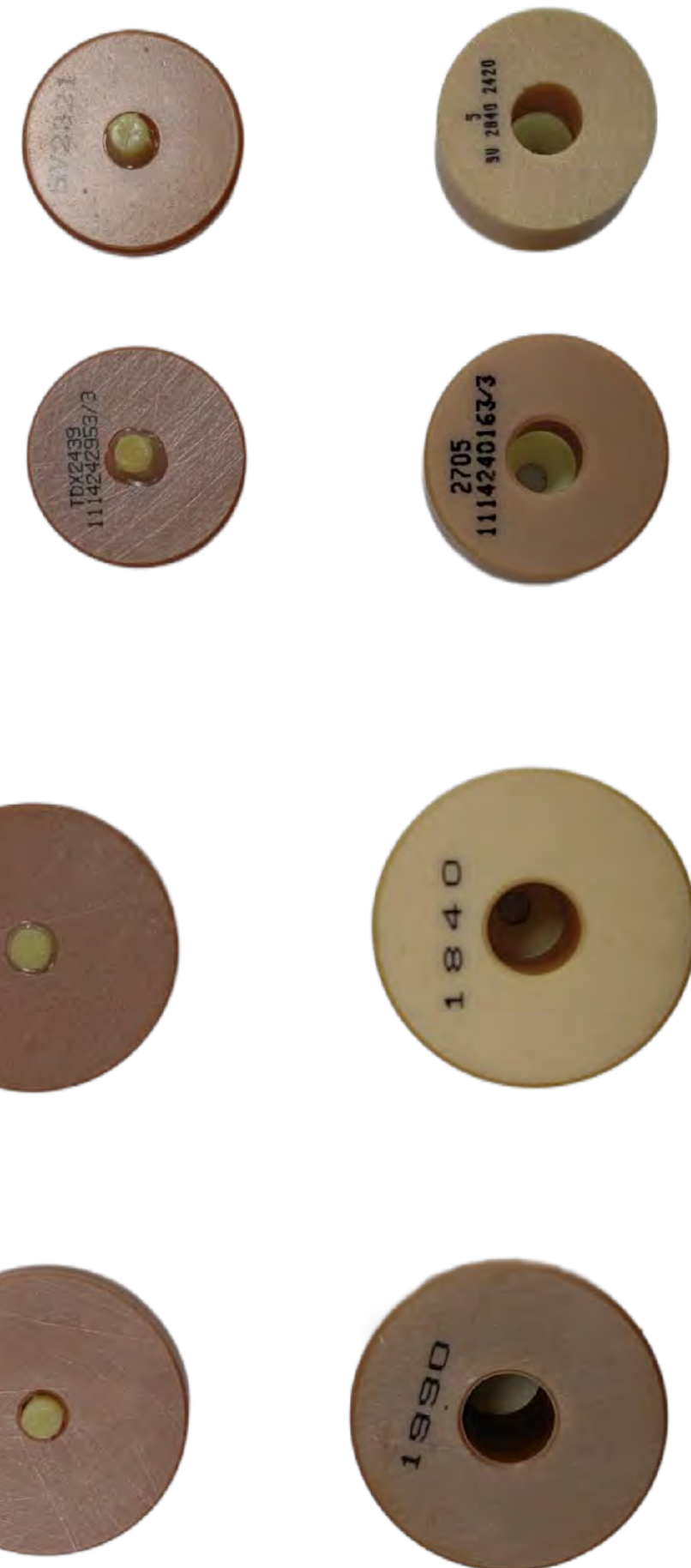


RF Ceramic Monoblocks

Categories	Type	Part Number
Ceramic monoblock duplexer, F0 897.5MHz / 942.5MHz, bandwidth 35MHz, 50dB rejection.	Duplexer	CMB-09D-35-01
Ceramic monoblock duplexer, F0 1950MHz / 2140MHz, bandwidth 60MHz, 55dB rejection.	Duplexer	CMB-21D-60-01
Ceramic monoblock filter, F0 2235MHz, bandwidth 4MHz, 40dB rejection.	Filter	CMB-22S-4-01
Ceramic monoblock filter, F0 3450MHz, bandwidth 300MHz, 30dB rejection.	Filter	CMB-34S-300-01
Ceramic monoblock filter, F0 1842.5MHz, bandwidth 225MHz, 19dB rejection.	Filter	CMB-18S-225-01
Ceramic monoblock filter, F0 1410MHz, bandwidth 110MHz, 40dB rejection.	Filter	CMB-14S-110-01



RF Ceramic Filter



RF Dielectric Resonators

Categories	Part Number
Dielectric resonators, center frequency 1940MHz, quality factor 16000, dielectric constant 40.	CRN-1940-40-16000-01
Dielectric resonators, center frequency 1975MHz, quality factor 14000, dielectric constant 40.	CRN-1975-40-14000-01
Dielectric resonators, center frequency 1990MHz, quality factor 15000, dielectric constant 40.	CRN-1990-40-15000-01
Dielectric resonators, center frequency 2010MHz, quality factor 14000, dielectric constant 40.	CRN-2010-40-14000-01
Dielectric resonators, center frequency 2000MHz, quality factor 14000, dielectric constant 40.	CRN-2000-40-14000-01
Dielectric resonators, center frequency 1940MHz, quality factor 14000, dielectric constant 40.	CRN-1940-40-14000-01

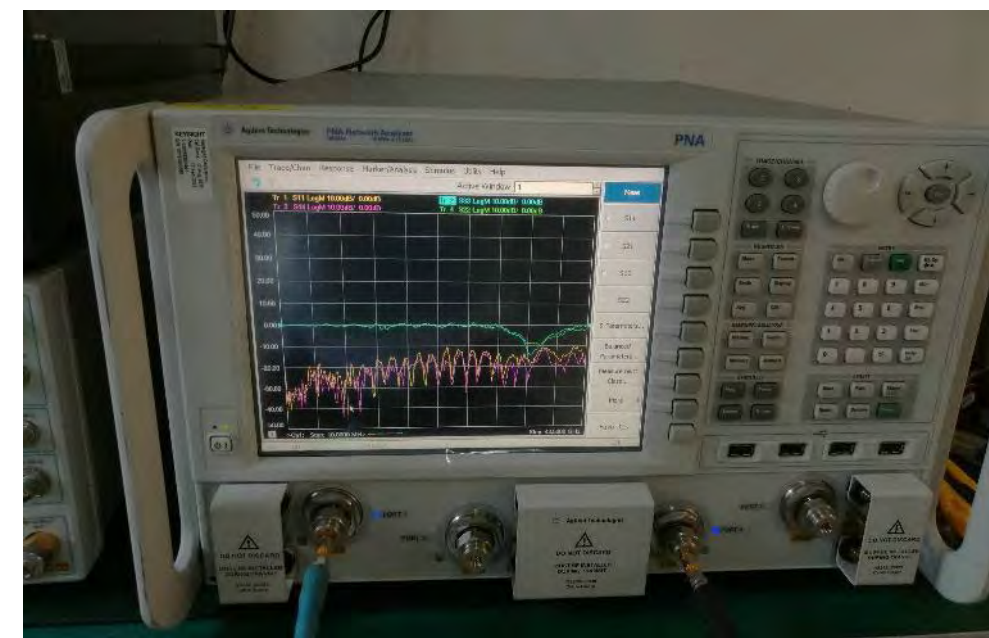
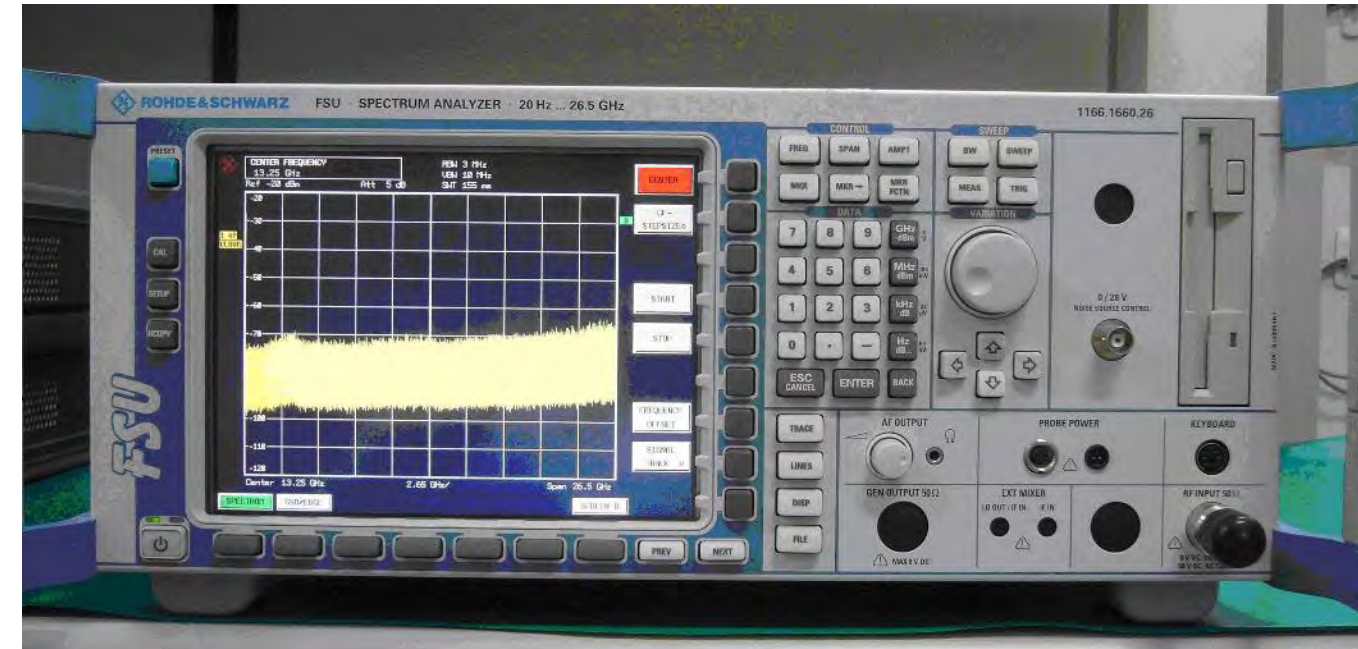
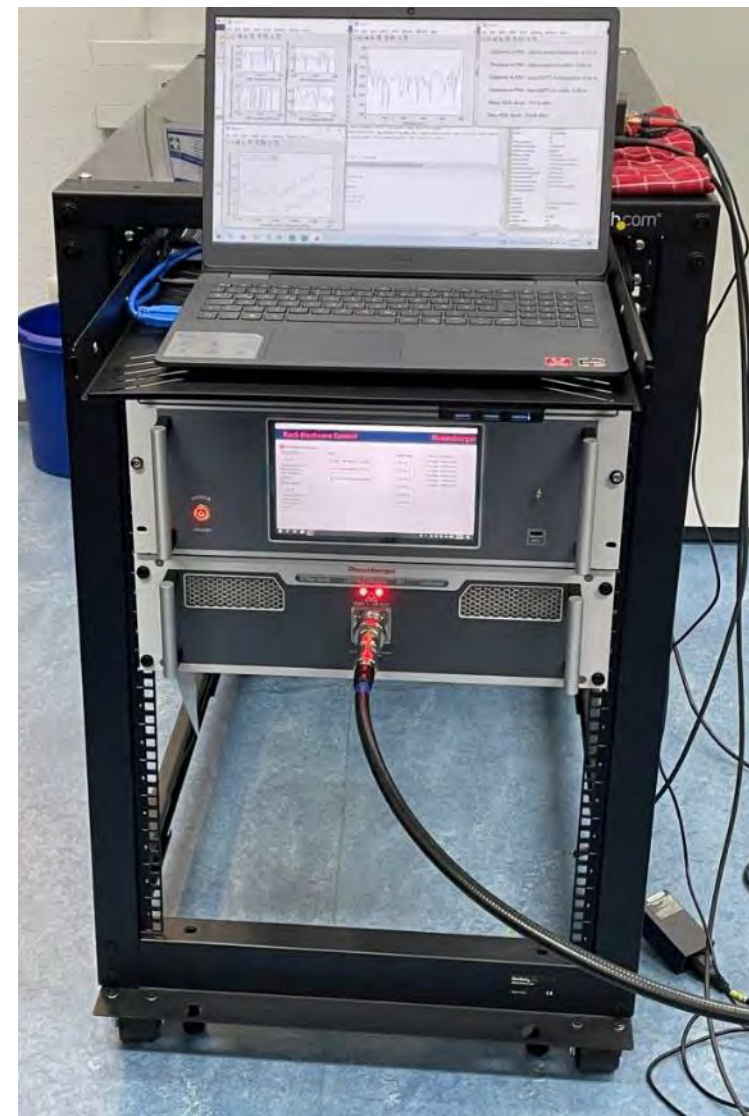
PART 03

Certifications

- Certifications
- Compliances
- Quality Standard

Quality Certifications

SYMAIR places great emphasis on quality management, and its production factory rigorously adheres to system requirements, achieving ISO certification. Beyond quality process management, SYMAIR boasts professional reliability laboratories and testing equipment, ensuring top-notch product quality.



Compliances

Regulatory Compliance

ISO 9001:2015

Compliant

ROHS

Compliant

China RoHS

Compliant

UK RoHS

Compliant

REACH

Compliant

EU/CE

Compliant

SYMAIR places great emphasis on compliance management and strives to fulfill the mandatory product requirements of various countries and regions.



UK RoHS Certificate of Compliance

Product Category: Super-flexible coaxial feeder cable, helical corrugated copper for outer conductor and copper clad aluminum wire for inner conductor, 3/8 in, FRNC jacket.

Part Number: FCS0-38S-FRNC-01 HGAHYZ-50-7

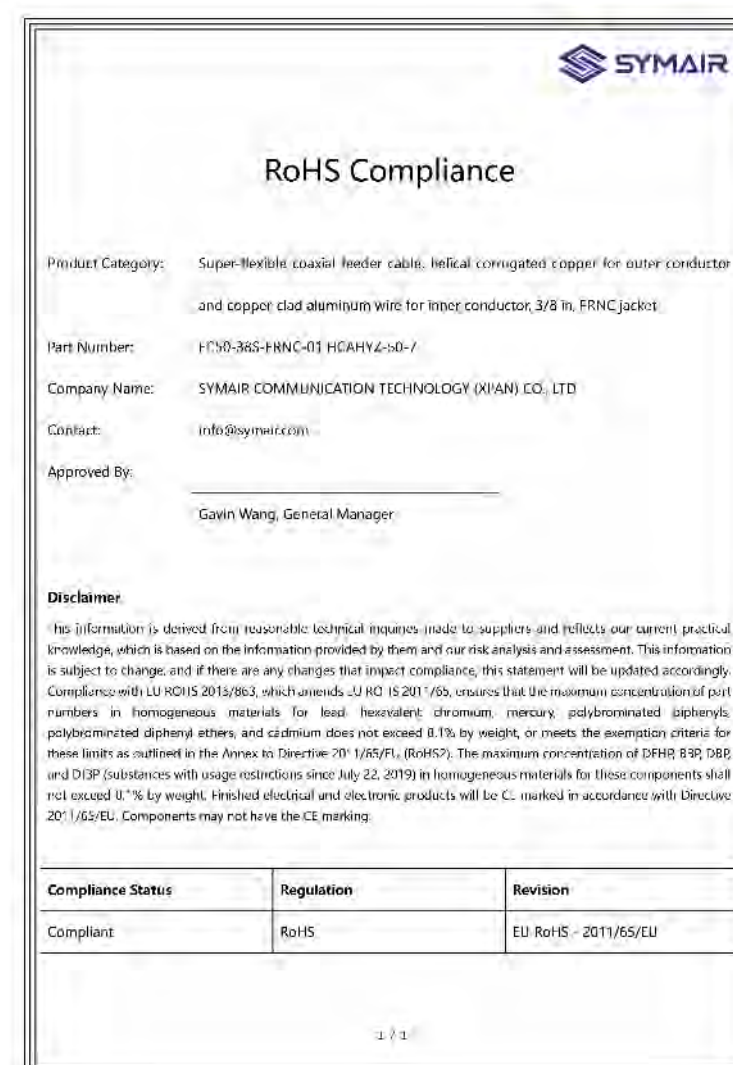
Company Name: SYMAIR COMMUNICATION TECHNOLOGY (XI'AN) CO., LTD

Contact: info@symair.com

Approved By: Gavin Wang, General Manager

Disclaimer:
This information is derived from reasonable inquiries made to suppliers and reflects our current practical knowledge based on the information they provided and our risk analysis and assessment. This information is subject to change, and if there are any changes impacting compliance, this statement will be updated accordingly. Compliance with SI 2012 No. 3032, the 2012 Regulations on the restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment and its subsequent amendments S. 2014 No. 177, S. 2019 No. 188, and S. 2019 No. 492, ensures that the restricted substances in all homogeneous materials within the part number comply with the maximum concentrations specified in Annex A1, or qualify for exemptions outlined in Table 1 of Annex A2. Finished electrical and electronic products will bear UKCA markings in accordance with the requirements of SI 2012 No. 3032. The components may not bear UKCA markings.

Compliance Status	Regulation	Revision
Compliant	UK RoHS	S. 2012 No. 3032 - The Restrictions of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012



RoHS Compliance

Product Category: Super-flexible coaxial feeder cable, helical corrugated copper for outer conductor and copper clad aluminum wire for inner conductor, 3/8 in, FRNC jacket.

Part Number: FCS0-38S-FRNC-01 HGAHYZ-50-7

Company Name: SYMAIR COMMUNICATION TECHNOLOGY (XI'AN) CO., LTD

Contact: info@symair.com

Approved By: Gavin Wang, General Manager

Disclaimer:
This information is derived from reasonable inquiries made to suppliers and reflects our current practical knowledge, which is based on the information provided by them and our risk analysis and assessment. This information is subject to change, and if there are any changes that impact compliance, this statement will be updated accordingly. Compliance with EU RoHS 2011/65/EC, which amends EU RoHS 2002/95/EC, ensures that the maximum concentration of part numbers in homogeneous materials for lead, hexavalent chromium, mercury, polybrominated diphenyl ethers, polybrominated diphenyl ethanes, and cadmium does not exceed 0.1% by weight, or meets the exemption criteria for these limits as outlined in the Annex to Directive 2011/65/EC (RoHS2). The maximum concentration of DPHB, DBP, and DIBP (substances with usage restrictions since July 22, 2019) in homogeneous materials for these components shall not exceed 0.1% by weight. Finished electrical and electronic products will be CE marked in accordance with Directive 2011/65/EU. Components may not have the CE marking.

Compliance Status	Regulation	Revision
Compliant	RoHS	EU RoHS - 2011/65/EU



China RoHS Declaration Form

Product Category: Super-flexible coaxial feeder cable, helical corrugated copper for outer conductor and copper clad aluminum wire for inner conductor, 3/8 in, FRNC jacket.

Part Number: FCS0-38S-FRNC-01 HGAHYZ-50-7

Company Name: SYMAIR COMMUNICATION TECHNOLOGY (XI'AN) CO., LTD

Contact: info@symair.com

Approved By: Gavin Wang, General Manager

产品中有毒有害物质名称及含量

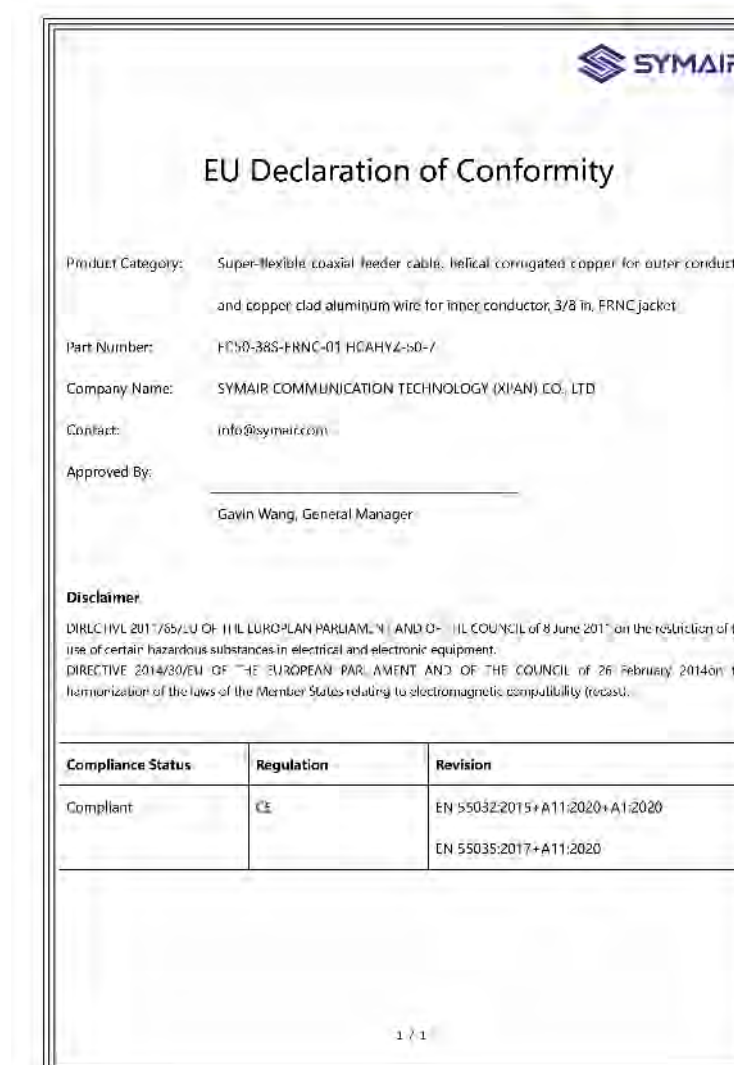
Names and Contents of Toxic or Hazardous Materials Contained in the Product

产品编号 Product Number	有害物质名称 Toxic and Hazardous substances or Elements	含量/浓度 Content/Concentration				豁免/限制 Exemption/Restriction
		铅 Pb	镉 Cd	汞 Hg	多溴联苯/多溴二苯醚 Polybrominated diphenyl ethers / Polybrominated diphenyl ethanes	
FCS0-38S-FRNC-01 HGAHYZ-50-7	无	0	0	0	0	无

Q: 本产品符合中国强制性标准《强制性产品认证实施规则》(GB 18485-2006) 有害物质限制要求如下:
Q: Indicates that the content of the toxic and hazardous substance in all the homogeneous materials of the part is below the concentration limit requirement as described in SJ/T 11363-2006.

X: 本产品符合中国强制性标准《强制性产品认证实施规则》(GB 18485-2006) 有害物质限制要求。
X: Indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in SJ/T 11363-2006.

Compliance Status	Regulation	Revision
Compliant	RoHS	EU RoHS - 2011/65/EU



EU Declaration of Conformity

Product Category: Super-flexible coaxial feeder cable, helical corrugated copper for outer conductor and copper clad aluminum wire for inner conductor, 3/8 in, FRNC jacket.

Part Number: FCS0-38S-FRNC-01 HGAHYZ-50-7

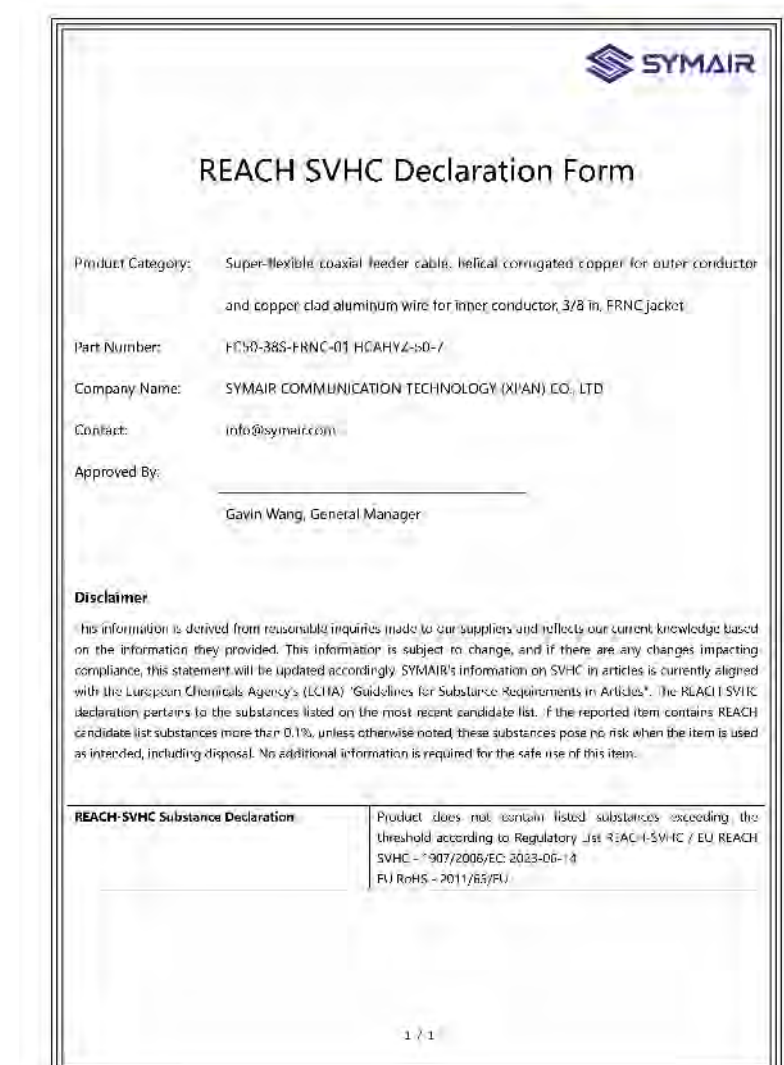
Company Name: SYMAIR COMMUNICATION TECHNOLOGY (XI'AN) CO., LTD

Contact: info@symair.com

Approved By: Gavin Wang, General Manager

Disclaimer:
DIRECTIVE 2011/65/EU OF THE EUROPEAN PARLIAM... AND COMMISSION OF 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. DIRECTIVE 2014/53/EU OF THE EUROPEAN PARLIAM... AND OF THE COUNCIL of 26 February 2014 on the harmonization of the laws of the Member States relating to electromagnetic compatibility (EMC).

Compliance Status	Regulation	Revision
Compliant	CE	EN 55032:2015+A11:2020+A1:2020 EN 55035:2017+A11:2020



REACH SVHC Declaration Form

Product Category: Super-flexible coaxial feeder cable, helical corrugated copper for outer conductor and copper clad aluminum wire for inner conductor, 3/8 in, FRNC jacket.

Part Number: FCS0-38S-FRNC-01 HGAHYZ-50-7

Company Name: SYMAIR COMMUNICATION TECHNOLOGY (XI'AN) CO., LTD

Contact: info@symair.com

Approved By: Gavin Wang, General Manager

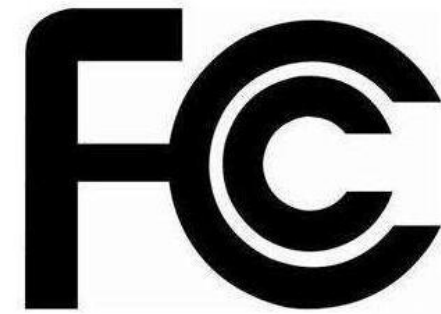
Disclaimer:
This information is derived from reasonable inquiries made to our suppliers and reflects our current knowledge based on the information they provided. This information is subject to change, and if there are any changes impacting compliance, this statement will be updated accordingly. SYMAIR's information on SVHC in articles is currently aligned with the European Chemicals Agency (ECA) "Guidelines for Substance Requirements in Articles". The REACH SVHC declaration pertains to the substances listed on the most recent candidate list. If the reported item contains REACH candidate list substances more than 0.1%, unless otherwise noted, these substances pose no risk when the item is used as intended, including disposal. No additional information is required for the safe use of this item.

REACH SVHC Substance Declaration	Product does not contain listed substances exceeding the threshold according to Regulatory List REACH-SVHC / EU REACH SVHC - 1907/2006/EC 2023-06-18 EU RoHS - 2011/65/EU

Quality Standard



CCC is applicable to products imported into China and products manufactured in China. Related products must obtain CCC certification before being imported, purchased, sold, used or traded in China.



FCC is the Federal Communications Commission regulates interstate and international communications by radio, television, wire, satellite and cable in all 50 states, the District of Columbia and U.S. territories.



CE appear on many products traded on the extended Single Market in the European Economic Area (EEA). They signify that products sold in the EEA have been assessed to meet high safety, health, and environmental protection requirements.



RoHS is a product level compliance based on the European Union's Directive 2002/95/EC, the Restriction of the Use of certain Hazardous Substances in Electrical and Electronic Equipment (RoHS).

PART 04

Advantages

- Cost Competition
- Quality Guarantee
- Fast Delivery
- Flexible Cooperation Terms

Advantages

- Quality Guarantee
- Prompt Support



Quality First

Product quality is the foundation of SYAMAIR.

1 Day

Fast quotation: 1 day for standard products.

2 Weeks

Fast delivery: EXW 2 weeks for standard products.

Advantages

- Long-warranty guaranteed
- Reliable factory supplied



2 Years

Minimum 2 years warranty.

10 Years

10 years industry experiences.

Factory Supply

Factory supply for high-tech products.

Advantages

- Low-gross-profit, high-turnover business strategy.
- Open regional agent support.



Low MOQ

Low MOQ requirement.

Cost Competitive

Guaranteed best prices on the same quality level.

Flexible Trading Terms

Flexible and reciprocal agency distribution policy.

THANK YOU



+86 13109595859



sales@symair.com



www.symair.com



Block A, Chang'an Culture Center, Chang'an District, Xi'an, China

