



LINE CARD
SISTEMI ATTIVI
ANTENNE
COMPONENTI PASSIVI RF
In-Building e Small Cell Solutions

20
22

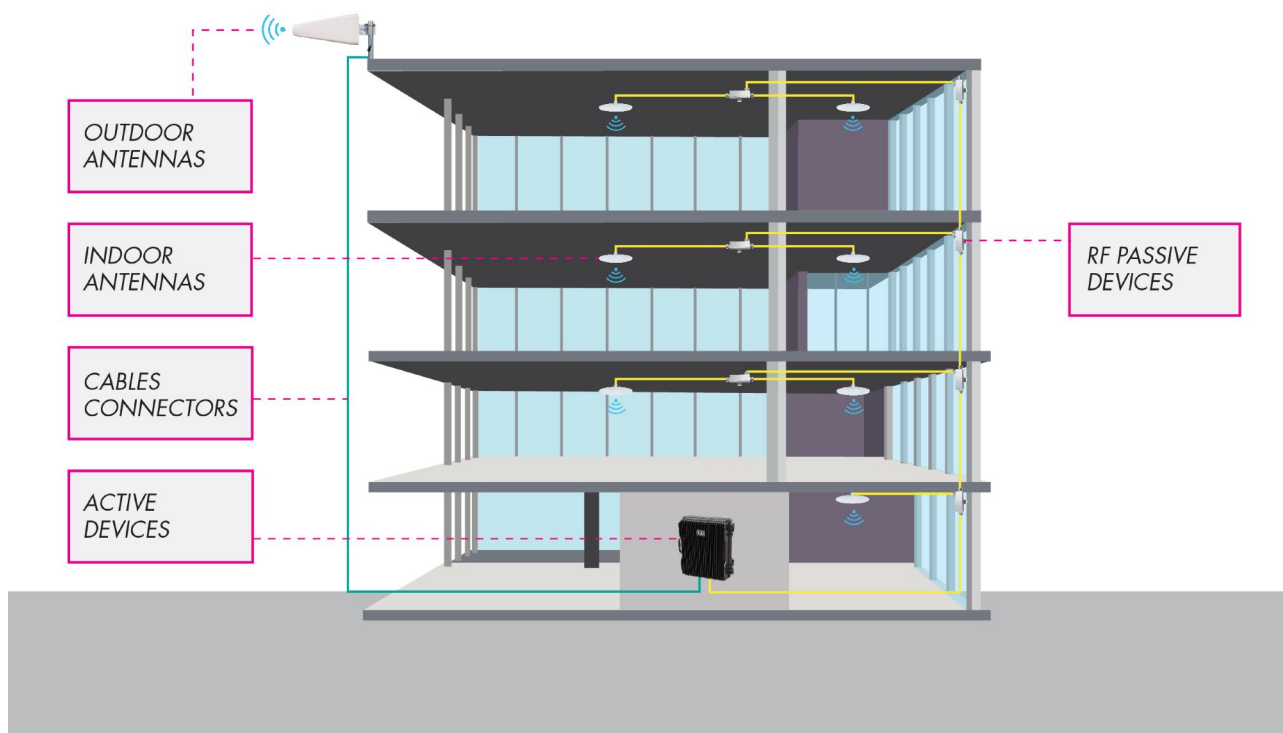
Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

Wi-Com Solutions si propone come riferimento sul mercato italiano delle Infrastrutture Wireless per le forniture di componenti ed accessori Passivi ed Attivi, siano esse Cellulari, PMR, TETRA, DAB+, Broadband e IoT. La nostra attività nella vendita di componenti passivi RF è iniziata più di 20 anni fa; abbiamo sempre creduto nel mercato delle coperture indoor e Small Cell, per questo abbiamo mantenuto negli anni un portfolio completo di soluzioni di qualità e che facesse anche attenzione ai costi.

I prodotti che troverete sono solo una selezione tra quelli realizzati dalle aziende da noi rappresentate e per alcuni di essi anche a marchio Wi-Com (elenco marchi www.wicomsolutions.it).

Al fine di garantire una qualità di alto livello e che tenga in considerazione anche i costi, la scelta è stata quella di puntare principalmente su prodotti RF che garantiscano valori di PIM massimi di -150dBc; tuttavia, sono disponibili anche con PIM Massimi garantiti di -160dBc. La quasi totalità dei nostri prodotti sono 5G ready nella banda 698-3800MHz, pur avendo la possibilità di fornirli nella banda estesa fino a 6000MHz. Nello specifico per gli impianti DAS e di ripetizione la nostra scelta è stata quella di privilegiare i connettori RF di tipo N. Essi sono sul mercato da svariati decenni, sono ottimi per frequenze fino a 4-6GHz e anche per uso outdoor, inoltre hanno costi molto bassi. Tutti i componenti possono essere forniti anche con connettori 4.3/10 e 7/16 o altri su richiesta.



DAS & Repeater Digitali: dal 2019 il nostro portfolio si è completato anche con soluzioni DAS e Repeater Digitali per l'estensione delle coperture indoor / outdoor nelle bande cellulari LTE/5G e per Critical Communications (dettagli in presentazione dedicata).

Antenne: in questa line card troverete una selezione tra quelle prodotte dalle nostre rappresentate e a marchio Wi-Com per impianti di copertura DAS e Small Cell. Dettagli tecnici, file MSI / VEX (ove disponibili) ed istruzioni di montaggio sono disponibili previa semplice richiesta; vi suggeriamo di contattarci sempre per avere conferma sulla disponibilità di modelli non indicati nella presente line card e per avere consigli e indicazioni su come sceglierle o utilizzarle al meglio in base al tipo di installazione. Il portfolio antenne si completa con soluzioni comprese tra le bande da 80MHz. a 6000MHz. inoltre, disponiamo anche di una serie completa di antenne fino a 26GHz.

Componenti Passivi RF: i prodotti indicati sono tra quelli maggiormente richiesti per il mercato di riferimento; in realtà il ventaglio dei prodotti disponibili è molto più ampio. Un altro punto di forza che ci piace sottolineare è la facilità con cui possiamo offrire componenti con caratteristiche su specifica, senza che siano considerati prodotti custom con la conseguente richiesta di alti volumi e costi. Il portfolio comprende antenne che coprono le frequenze da 80MHz. fino a 110GHz.

Connessioni RF – Dati ed Accessori: per non appesantire troppo questa line card, abbiamo preferito non dettagliare questi prodotti che necessiterebbero un capitolo a sé; attualmente possiamo offrire qualsiasi famiglia di connettori RF / Dati e di cablaggio anche per strumenti di misura, inclusi connessioni Microwave e onde Millimetriche.

Le descrizioni che seguono sono principalmente in lingua inglese per uniformità con gli standard internazionali.

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

Overview	2
Index	3
Active Coverage Solutions	4-5
Ceiling Mount SISO Antennas	6
Ceiling Mount MIMO Antennas	7
Transparent Antennas	7
Ceiling Mount Antenna Accessories	8
Omnidirectional Antennas	8
Directive Panel SISO Antennas	8
Directive Panel MIMO Antennas	9-10
Panel Antenna Accessories	11
Canister Antennas	11
Log Periodic Antennas	12
Power Splitters	13
Wilkinson Splitters	13
Directional Couplers	13
Hybrid Combiners	13-14
Termination Loads	14
Attenuators	14-15
Combiners	15-20
Duplexers / Filters / POI	20
Accessories	20
Critical Communications Antennas & Filters	21
Microwave & Millimeters Wave Products	21
Macro Site Antennas	21
Site Accessories	21-22

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

ACTIVE COVERAGE SOLUTIONS

5G & 4G-FTTA “Fiber-To-The-Antenna” Architecture

- Single Band 5G NR 4T4R or Dual Band LTE 2T2R + 5G NR 2T2R
- Configurable also Multi Operator
- Up to 8 AAU's or 32 with CPRI HUB
- each RF path supports maximum 100MHz Bandwidth
- RF DL Output power +24dBm per Port
- PoF (Power Over Fiber via Hybrid Fiber Cable)
- Compact distributed AAU design embeds a 2T2R or 4T4R Omni-Directional Service Antenna for wall-mount, pole-mount and ceiling-mount
- Option: Helios FTTA CPRI HUB to extend up to 32 AAU



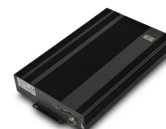
5G NR Core Network (5GC) Lite

- Based on O-RAN architecture using split option 7-2 or option 8
- Centralized baseband and distributed AAUs provide pooled capacity and design flexibility Up to 8 AAU's or 32 with CPRI HUB
- Compact & Fashion Distributed AAU design embedded MIMO omni-directional Service Antennas for wall-mount, pole-mount and ceiling-mount
- Full digital software and hardware platform with Ultra-wide RF front-end design and enables 4T4R RF path and each RF path supports maximum 100MHz bandwidth to meet the potentially huge bandwidth demand while ensuring superb 5G services
- Each vBBU has four 10Gbps SFP+ digital optic ports and supports four HUBs by star or chain topologies
- Each HUB has eight 10Gbps SFP+ digital optic ports and supports up to 8 AAUs by star, chain and hybrid network topologies, even up to 96 AAUs by cascading HUBs in some scenarios, such as subways and tunnels
- Support higher order modulation as downlink QAM 256 and uplink QAM 64 to delivery 4-5x higher user throughput
- Support OAM interface with NETCONF Protocol
- Power-over-Fiber (PoF) for Distributed AAUs
- More fast, flexible and accurate deployment to improve 5G NR throughput on middleprise & large coverage



5G Off-Air Repeaters

- Single Band 5G NR: N38, N41, N77, Band N78, Band N43
- 2T2R RF Path with each RF Path supporting 100MHz Bandwidth
- SOC & embedded architecture enables delivery significantly improved network coverage with very low power consumption
- In Built-in RJ-45 interface for local control
- Optional built-in wireless modem for HELIOS NMS remote control
- Built-in AGC&ALC function
- RF Output power from +17dBm (others on req.)



5G In-Train Off-Air Repeaters

- 5G NR Multi-Operator Repeater
- up to 200MHz bandwidth (400 MHz Optional)
- SOC & embedded architecture enables delivery significantly improved network coverage with very low power consumption
- Unique 20dB automatic dynamic control
- Composite downlink RF output power +26dBm with 75dB Gain
- In Built-in RJ-45 interface for local control
- Optional built-in wireless modem for HELIOS NMS remote control
- Built-in AGC&ALC function
- Safety approvals EN50155:2007



MDOTS™ Digital CPRI Optical DAS

- Modula design
- Single Operator / Multi-Operator
- SISO or 2x2 MIMO
- Up to 8 Bands: 450 MHz to 3800 MHz
- 400 MHz DL BW and 400MHz UL BW per Optical Core
- Cascaded 8 ORU's with Redundant Fiber Architecture
- Up to 128 ORU's with Optional deployed OEU's
- Scalable Remote Unit DL RF Power per Band +27dBm to +43dBm
- Optional GUI based Spectrum Analyzer: DL on the OMU's, UL on the OMU
- OMU depth optimized for Tunnels and restricted spaces: 248mm



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

Analog Optical DAS

- Single Operator / Multi-Operator
- SISO Architecture
- Up to 4 Bands: 600MHz to 2690MHz
- Up to 8 ORU's in a STAR deployed Fiber Architecture
- Scalable Remote Unit DL RF Power per Band +33dBm to +43dBm
- Fiber connection up to 10Km



CARDmux™

- Multi-Band Multi-Operator Digital High Power Off-Air Repeater
- Up to 6 Bands: 600MHz to 2690MHz Modular
- Add Bands as required
- Multi-Field Adjustable Sub-Bands
- 40dBm DL95 dB Gain
- Proprietary 60dB AGC for moving Platforms
- 2x2 MIMO Optional



Digital Off-Air Repeaters

- Up to Four Bands 600MHz to 2690MHz
- Multi-Operator
- Multi-Field Adjustable Sub-Bands
- Remotely Re-Tunable for Re-Farming
- Up to 4 Bands: 600MHz to 2690MHz
- 17 dBm 70 dB Gain up to 40dBm 95 dB Gain
- Optional IMOP or ICS
- Optional remote Monitoring with embedded 4G Modem



4G In-Train Off-Air Repeaters

- Supports GSM, UMTS and LTE technology
- Multi Operator (customized filters)
- SOC & embedded architecture enables delivery significantly improved network coverage with very low power consumption
- In Built-in 2xRJ-45 interface for local and remote control
- Optional built-in wireless modem for HELIOS NMS remote control
- Built-in AGC&ALC function
- RF Output power from 30dBm (others on req.)
- Safety approvals EN50155:2007



CRITICAL COMMUNICATIONS & TRANSPORTATION SOLUTIONS

- FM Emergency Message Break-in System
- DAB+ solutions
- MOBIFIBER™ HIGH-RELIABILITY TRAIN-TO-GROUND CONNECTIVITY
- TETRA/P25/DMR/PMR Analog Fiber-Optic DAS
- TETRA/P25/DMR/PMR Digital CPRI Optical Transport System
- TETRA DIGITAL OFF-AIR REPEATER
- DMR DIGITAL OFF-AIR REPEATER
- GSM-T/LTE-R coverage solutions
- VHF Simplex Digital CPRI Optical Transport System
- FiberOnAir™ 600 PtP&PtMP Wireless Connectivity in Sub-6GHz Bands
- iLOCALIZER™ Close-Proximity 4G Cellular Sensor
- HELIOS® PointXplorer™ Big Data System
- SMART CITY & IoT solutions

- Dettagli tecnici e portfolio completo su richiesta

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

OMNIDIRECTIONAL CEILING MOUNT SISO ANTENNAS

CFSA69383P-30NF

- Frequency band: 698-960/1350-1550/1850-2180/2300-2500/2500-2700/3300-3800/3800-4000MHz.
- Gain (Typ.): 3.2/2.6/3.4/4.2/4.0/4.4/4.2/4.3/5.4/2.4/2.4/3.0dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 7.6x180mm
- Connector/s: N (4.3/10)



97000523

- Frequency band: 698-960/1700-2170/2300-2700/3300-3800MHz.
- Gain (Typ.): 2.4/4.0/5.0/4.0dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 10x190mm
- Connector/s: N (4.3/10 or 7/16)



CFS60383P-30NF

- Frequency band: 698-960/1350-1550/1850-2180/2300-2500/2500-2700/3300-3800/3800-4000MHz.
- Gain (Typ.): 2.9/3.3/3.5/4.6/4.1/3.9/3.8/4.6/5.8/2.4/6.8/4.1dBi
- Polarizations: H Linear / V 360°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 117.2x180.3x7.6mm
- Connector/s: N (4.3/10)



97000553

- Frequency band: 698-96 /1700-2170/2300-2700/3300-3800MHz.
- Gain (Typ.): 1.5/2.0/3.0/4.0dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 200 x 120 mm
- Connector/s: N (4.3/10 or 7/16)



97000420

- Frequency band: 698-960/1700-2700MHz.
- Gain (Typ.): 2.5/3.5dBi
- Polarization: H Linear / V 360°
- Dimensions: 188x86mm
- Connector/s: N



CMS38606P-30NF

- Frequency band: 380-520/600-806/806-960/1395-1435/1690-2200/2200-4300/4300-6000MHz.
- Gain (Typ.): 2.2/2.1/2.6/5.3/5.7/5.8/5.4dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 133x298mm
- Connector/s: N (4.3/10)
- Note: Outdoor



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

OMNIDIRECTIONAL CEILING MOUNT MIMO ANTENNAS

CFD69383P-30NF

- Frequency band: 698-806/824-894/880-960 /1350-1550/1690-1880/1850-1990/1910-2180/2300-2500/2500-2700/3300-3800/3800-4000MHz.
- Gain (Typ.): 3.2/3.4/3.8/3.0/4.2/3.9/4.6/4.6/5.2/4.3/4.9dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 7.6x250mm
- Connector/s: 2xN (4.3/10)



97001123

- Frequency band: 698-960/1425-2700/3300-4000MHz.
- Gain (Typ.): 4.0/5.5/6.0dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 8x285 mm
- Connector/s: 2xN (4.3/10)
- Note: ASA+PC (Flammability Rating UL94-V0)



CMD69423P-30NF

- Frequency band: 698-806/824-960/1350-1550/1690-2180/2300-2700/3300-4200MHz.
- Gain (Typ.): 3.9/5.3/6.0/6.1/6.8/6.7dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 218,7x43,5mm
- Connector/s: 2xN (4.3/10)



97001243

- Frequency band: 698-960/1710-2170/2300-2700/3300-4000MHz.
- Gain (Typ.): 3.0/4.0/6.0/5.0dBi
- Polarization: Horizontal 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 250x150x12mm
- Connector/s: 2xN (4.3/10)



97001443

- Frequency band: 698-960/1425-2700/3300-4000MHz.
- Gain (Typ.): 4.0/5.5/6.0dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 14x355mm
- Connector/s: 2xN (4.3/10)
- Note: ASA+PC (Flammability Rating UL94-V0)



TRANSPARENT SPECIAL ANTENNAS

- SISO or MIMO
- Frequency band: 698-960/1425-2700/3300-4000MHz.
- Gain (Typ.): 2.0 - 3.0dBi
- Polarization: vertical
- Dimensions: it depends on type
- Connector/s: N – SMA – 4.3/10
- Note: on request any sticker printed and backlight



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

CEILING MOUNT ANTENNA ACCESSORIES

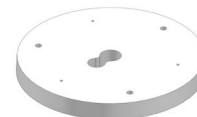
SP-PE-100-30-01

- Spacer for ceiling mount antennas on metal ceiling
- Material: PE
- Dimensions: 100x100x30mm
- Note: suitable for SISO and MIMO antennas
- Note: different dimensions and shape on request



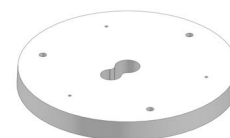
SP-ASA-101-00-01

- Spacer for ceiling mount antennas on metal ceiling
- Material: ASA-PC (UL94-V0)
- Dimensions: 260x260x30mm
- Color: white RAL9003
- Note: suitable for 2x2 MIMO antennas



SP-ASA-100-00-01

- Spacer for ceiling mount antennas on metal ceiling
- Material: ASA-PC (UL94-V0)
- Dimensions: 360x360x30mm
- Color: white RAL9003
- Note: suitable for 4x4 MIMO antennas



OMNIDIRECTIONAL ANTENNAS

OC69421-FNF

- Frequency band: 698-960/1710-1990/1920-2170/2100-2500/2500-2700/3300-4200MHz.
- Gain (Typ.): 1.5/3.5/5.0dBi
- Polarization: Linear/Vertical / V 360°
- Dimensions: 47x215mm
- Connector/s: 2xN female



TRA6927M3

- Frequency band: 617-698/698-960/1695-2700MHz.
- Gain (Typ.): 4.5/4.5/5.0/5.5dBi
- Polarization: Vertical / V 360°
- Dimensions: 45x92mm
- Connector/s: N female



WS-AMS-69400-SM

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 2.5/5.0/5.0dBi
- Polarization: Vertical / H 85°/60°/58° / V 360°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 38x52mm
- Connector/s: 5mt cable 2x SMS male (N-4.3/10)



DIRECTIVE PANEL SISO ANTENNAS

97000613

97200613 (Outdoor)

- Frequency band: 698-806/806-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 5.0/6.0/8.0/7.0dBi
- Polarization: Vertical / H 92°-90°-65°-60° / V 73°-68°60°-35°
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 180x158x60mm
- Connector/s: N (4.3/10)



97010030

- Frequency band: 698-960/1710-2700MHz.
- Gain (Typ.): 7.0/8.0dBi
- Polarization: Vertical / H 65° / V 55°
- Dimensions: 210x180x43mm
- Connector/s: N

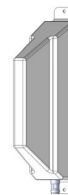


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

WS-BD-6938V-0H6NF
(ex-WS-BD-6938V-6-NF-1)

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 5.0/5.5/6.0dBi
- Polarization: Vertical / H 92°-90°-75°-58° / V 75°-60°-50° (Bi-Directional)
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 400x90x82mm
- Connector/s: N female (4.3/10)
- Note: ASA+PC (Flammability Rating UL94-V0)



DIRECTIVE PANEL MIMO ANTENNAS

97100643
97300643 (Outdoor)
97400643 (Harsh Conditions)

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 5.5/8.5/7.0 dBi
- Polarization: H/V / H 80°-65°-45° / V 78°-60°-35°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 315x195x68mm
- Connector/s: 2xN (4.3/10)



97001223

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 4.0/5.0/6.0dBi
- Polarization: H/V / H 100°-90°-80° / V 90°-75°-70°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 207x177x43mm
- Connector/s: 2xN (4.3/10)



97011173
97411173 (Outdoor)

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 5.5/8.5/7.0dBi
- Polarization: H/V / H 130°/85°-58°-90°-80° / V 90°-75°-70°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 385x315x68 mm
- Connector/s: 4xN (4.3/10)



WS-APO-1738X-65-9-N-01

- Frequency band: 1710-2700/3300-3800MHz.
- Gain (Typ.): 9.0dBi
- Polarization: ±45° / H 68°-60° / V 60°-58°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 260x170x60mm
- Connector/s: 2xN (4.3/10)
- Note: outdoor



WS-APO-3338X-65-9-N-01

- Frequency band: 3300-3800MHz.
- Gain (Typ.): 9.0dBi
- Polarization: ±45° / H 60° / V 58°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 180x158x60mm
- Connector/s: 2xN (4.3/10)
- Note: outdoor



WS-APO-1738XX-65-9-N-01

- Frequency band: 1710-2700/3300-3800MHz.
- Gain (Typ.): 9.0dBi
- Polarization: ±45° / H 68°-60° / V 60°-58°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 315x195x68mm
- Connector/s: 2xN (4.3/10)
- Note: outdoor



WS-APO-3338XX-65-9-N-01

- Frequency band: 3300-3800MHz.
- Gain (Typ.): 9.0dBi
- Polarization: ±45° / H 68°-60° / V 60°-58°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 180x158x60mm
- Connector/s: 2xN (4.3/10)
- Note: outdoor



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

WS-APO-1727M-12-43	- Frequency band: 1710-2700MHz. - Gain (Typ.): 12.0dBi - Polarization: $\pm 45^\circ$ / H 65° / V 30° - PIM 3rd Order (2x20W): -150dBc - Dimensions: 260x160x80mm - Connector/s: 2x4.3/10 (7/16) - Note: outdoor	
WS-APO-1738S-X-11-43	- Frequency band: 1710-2690/3300-3800MHz. - Gain (Typ.): 11.0dBi - Polarization: $\pm 45^\circ$ / H 65°-65° / V 30°-30° - PIM 3rd Order (2x20W): -150dBc - Dimensions: 250x160x80mm - Connector/s: 2x4.3/10 (7/16) - Note: outdoor	
WS-APO-6927S-15-N	- Frequency band: 698-960/1710-2700MHz. - Gain (Typ.): 11.0/15.0dBi - Polarization: Vertical / H 35°-30° / V 35°-30° - PIM 3rd Order (2x20W): -150dBc - Dimensions: 450x450x115mm - Connector/s: N (4.3/10) - Note: outdoor	
WS-APO-6838X-12-43	- Frequency band: 698-960/1710-2700/3300-3800MHz. - Gain (Typ.): 11.0/12.0/13.0dBi - Polarization: $\pm 45^\circ$ / H 75°-65°-65° / V 35°-28°-28° - PIM 3rd Order (2x20W): -150dBc - Dimensions: 650x280x130mm - Connector/s: 2x4.3/10 (7/16) - Note: outdoor	
WS-APO-3338XX-18-N-02	- Frequency band: 3300-3800MHz. - Gain (Typ.): 18.0dBi - Polarization: $\pm 45^\circ$ / H 65° / V 7.5° - PIM 3rd Order (2x20W): -150dBc - Dimensions: 610x165x85mm - Connector/s: 2xN (4.3/10) - Note: outdoor	
2C4U4VX065X06Fwxys4	- Frequency band: (2x) 696-960 (4x) 1695-2700 (4x) 3300-4200MHz. - Gain (Typ.): 11.0dBi - Polarization: $\pm 45^\circ$ H/V 65° - PIM 3rd Order (2x20W): -153dBc - Dimensions: 634,51x344x246mm - Connector/s: 20x4.3/10 - Note: outdoor	
2C4U3MX065X06Fwxys0	- Frequency band: (2x) 696-960 (4x) 1695-2700 (2x) 3550-3700 (1x) 5150-5925MHz. - Gain (Typ.): 8.7dBi – 12.6dBi - Polarization: X Pol. H 65° - PIM 3rd Order (2x20W): -153dBc - Dimensions: 633x343x246mm - Connector/s: 18x4.3/10 - Note: outdoor	
8832108Fx	- Frequency band: 1710-3800MHz. - Gain (Typ.): 11.5dBi - Polarization: $\pm 45^\circ$ H65° - PIM 3rd Order (2x20W): -153dBc - Dimensions: 500x400x125mm - Connector/s: 8x4.3/10 - Note: outdoor	

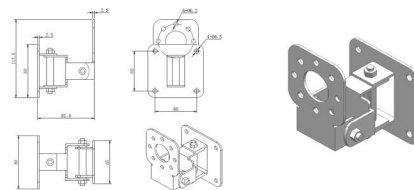
Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

PANEL ANTENNA ACCESSORIES

WS-SB-000-01

- Panel Antenna Swivel Bracket
- Wall / Pole Mounting
- Up To 45° Left/Right and Up/Down
- Galvanized Steel
- Dimensions: 80x80x81.8mm



CANISTER ANTENNAS

2C6U4VT360X06Fwxys4

- Frequency band: (2x) 696-960 | (6x) 1695-2700 | (4x) 3300-4200MHz.
- Gain (Typ.): 5.1-11.5dBi
- Polarization: X Pol. – H 360°
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 608x371mm
- Connector/s: 24x4.3/10
- Note: NO RET



2C4U6VT360X06Fwxys5

- Frequency band: (2x) 696-960 | (4x) 1695-2700 | (6x) 3300-4200 MHz.
- Gain (Typ.): 5.4dBi - 11.8dBi
- Polarization: X Pol. – H 360°
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 608x371mm
- Connector/s: 24x4.3/10
- Note: NO RET



4U6VT360X06Fxys5

- Frequency band: (4x) 1695-2700 | (6x) 3300-4200 MHz.
- Gain (Typ.): 9.5-11.5dBi
- Polarization: X Pol. – H 360°
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 608x371mm
- Connector/s: 20x4.3/10
- Note: NO RET



4U6VT360X06Fxys5

- Frequency band: (6x) 1695-2700 | (2x) 3300-4200 | (2x) 5150-5925 MHz.
- Gain (Typ.): 9.5-11.5dBi
- Polarization: X Pol. – see data sheet
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 1205x371mm
- Connector/s: 28x4.3/10
- Note: NO RET / Opt. Integrated GPS



4U4MT360X06Fxys4

- Frequency band: (4x) 1695-2700 | (2x) 3300-4200 | (2x) 5150-5925 MHz.
- Gain (Typ.): 6.0-10.2dBi
- Polarization: X Pol. – H 360°
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 606x371mm
- Connector/s: 16x4.3/10
- Note: NO RET / Opt. Integrated GPS



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

YAGI / LOG PERIODIC ANTENNAS

97001003

- Frequency band: 698-960/1710-2700/3300-3800MHz.
- Gain (Typ.): 9.5/11.0/11.5dBi
- Polarization: Vertical / H 90°/75°/54° / V 66°/58°/42°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 440x205x600mm
- Connector/s: N (4.3/10)
- Material: ABS



WS-LPDA-6840P-11-43

- Frequency band: 690-806/806-960/1425-2170/2170-2700/3300-4000MHz.
- Gain (Typ.): 10.3/11.0/11.0/11.0/10.5dBi
- Polarization: Vertical / H 67°/53°/47°/41°/63° V 54°/48°/45°/44°/55°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 300x155x785mm
- Connector/s: 4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



WS-LPDA-6840P-13-43

- Frequency band: 690-806/806-960/1425-2170/2170-2700/3300-4000MHz.
- Gain (Typ.): 11.5/12.5/13.5/13.5/13.5dBi
- Polarization: Vertical / H 45° - V 37°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 250x200x1060mm
- Connector/s: 4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



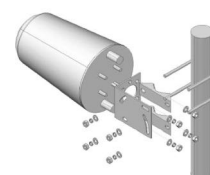
WS-LPDA-6840VHP-11-43

- Frequency band: 690-960/1710-2170/2170-2690/3300-4000MHz.
- Gain (Typ.): 9.0/11.0/11.0/10.5dBi
- Polarization: V+H | H 68°/61°/58°/65° V 53°/48°/45°/53°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 300x300x785mm
- Connector/s: 2x4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



WS-LPDA-3340X45P-11-43

- 3300-4000MHz.
- Gain (Typ.): 10.5dBi
- Polarization: V+H | H 48° V 45°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 130x200mm
- Connector/s: 2x4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

POWER SPLITTERS

950204x3 (2way)
950304x3 (3way)
950404x3 (4way)

- Frequency band: 698-3800MHz.
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: $\leq 300W$
- Connector/s: N (4.3/10 - 7/16)
- Note: Indoor / Outdoor IP65



WILKINSON SPLITTERS

95820013 (2way)
95830013 (3way)
95840013 (4way)

- Frequency band: 698-2700MHz.
- PIM 3rd Order (2x20W): -150dBc
- Power: $\leq 50W$
- Connector/s: N (4.3/10 - 7/16)
- Note: Indoor / Outdoor IP65



DIRECTIONAL COUPLERS

9510322X (3dB)
9510521X (5dB)
9510621X (6dB)
9510721X (7dB)
9510821X (8dB)
9511021X (10dB)
9511521X (15dB)
9512021X (20dB)
9513021X (30dB)

- Frequency band: 698-3800MHz.
- Insertion Loss: $< 3.5dB$
- Isolation: $> 20dB$
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: $\leq 50W$
- Connector/s: N (4.3/10 - 7/16)
- Note: Indoor / Outdoor IP65



HYBRID COMBINERS

XMHC0727N2150

- 2X1
- Frequency band: 698-2700MHz.
- Insertion Loss: $< 3.0dB$
- Isolation: $\geq 28dB$
- PIM 3rd Order (2x20W): $\leq -120dBc$
- Power: $\leq 50W$
- Connector/s: N (7/16)
- Note: Indoor



9532163X

- 2X1
- Frequency band: 698-3800MHz.
- Insertion Loss: $< 3.0dB$
- Isolation: $> 25dB$
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: $\leq 50W$
- Connector/s: N (4.3/10 - 7/16)
- Note: outdoor IP65



9532226X

- 2X2
- Frequency band: 698-3800MHz.
- Insertion Loss: $< 3.0dB$
- Isolation: $> 25dB$
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: $\leq 300W$
- Connector/s: N (4.3/10 - 7/16)
- Note: outdoor IP65



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

9534426X

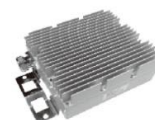
- 4X4
- Frequency band: 698-3800MHz.
- Insertion Loss: < 6.0dB
- Isolation: ≥ 25 dB
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: ≤ 200 W
- Connector/s: N (4.3/10 -7/16)
- Note: outdoor IP65



TERMINATION LOADS

9544407X/9544408X (25W)
9544707X/9544708X (50W)
9545007X/9545008X (100W)
9545307X/9545308X (200W)

- Frequency band: 698-3800MHz.
- Return Loss: ≥ 25 dB
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Connector/s: N male or female (4.3/10 -7/16)
- Note: outdoor IP65



95433891/95433901 (2W)
95437891/95437901 (5W)
95440891/95440901 (10W)
95444891/95444901 (25W)
95447891/95447901 (50W)
95450891 95450901 (100W)
95453891 95453901 (200W)

- Frequency band: DC 4000MHz.
- Return Loss: ≥ 21 dB
- PIM 3rd Order (2x20W): ≤ -120 dBc
- Connector/s: N male or female (4.3/10 -7/16)
- Note: indoor/outdoor IP65



ATTENUATORS

955YY33X (25W)

- Frequency band: 698-3800MHz.
- Return Loss: ≥ 19 dB
- Attenuation Value (Y): 3-6-10-15-20-30
- PIM 3rd Order, 2x20W (X): -150dBc (3) -160dBc (7)
- Connector/s: N male - female (4.3/10 -7/16)
- Note: outdoor IP65



955YY373X (50W)

- Frequency band: 698-3800MHz.
- Return Loss: ≥ 21 dB
- Attenuation Value (Y): 3-6-10-15-20-30
- PIM 3rd Order, 2x20W (X): -150dBc (3) -160dBc (7)
- Connector/s: N male - female (4.3/10 -7/16)
- Note: outdoor IP65



955YY403X (100W)

- Frequency band: 698-3800MHz.
- Return Loss: ≥ 19 dB
- Attenuation Value (Y): 3-6-10-15-20-30
- PIM 3rd Order, 2x20W (X): -150dBc (3) -160dBc (7)
- Connector/s: N male - female (4.3/10 -7/16)
- Note: outdoor IP65



955YY437X (200W)

- Frequency band: 698-3800MHz.
- Return Loss: ≥ 19 dB
- Attenuation Value (Y): 3-6-10-15-20-30
- PIM 3rd Order, 2x20W (X): -150dBc (3) -160dBc (7)
- Connector/s: N male - female (4.3/10 -7/16)
- Note: outdoor IP65



955A0470 (3dB)
955C0470 (6dB)
955F0470 (10dB)
955H0470 (15dB)
955L0470 (20dB)
955J0470 (30dB)

- Frequency band: DC 4000MHz.
- Return Loss: ≥ 19 dB
- Input Power: 5W
- Connector/s: N male - female (4.3/10)
- Note: indoor



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

955A0300 (3dB)	▪ Frequency band: DC 4000MHz.
955C0300 (6dB)	▪ Return Loss: ≥ 19 dB
955F0300 (10dB)	▪ Input Power: 5W
955H0300 (15dB)	▪ Connector/s: SMA male - female (4.3/10)
955L0300 (20dB)	▪ Note: indoor
955J0300 (30dB)	



955YYM41	▪ Frequency band: DC 4000MHz.
	▪ Return Loss: ≥ 21 dB
	▪ Input Power: 10W
	▪ Attenuation Value (Y): 3-6-10-15-20-30-40
	▪ PIM 3rd Order (2x20W): -120dBc
	▪ Connector/s: N male - female (4.3/10)
	▪ Note: indoor



955YYM11	▪ Frequency band: DC 4000MHz.
	▪ Return Loss: ≥ 21 dB
	▪ Input Power: 25W
	▪ Attenuation Value (Y): 3-6-10-15-20-30-40
	▪ PIM 3rd Order (2x20W): -120dBc
	▪ Connector/s: N male - female (4.3/10)
	▪ Note: indoor



955YYH71	▪ Frequency band: DC 4000MHz.
	▪ Return Loss: ≥ 21 dB
	▪ Input Power: 50W
	▪ Attenuation Value (Y): 3-6-10-15-20-30-40
	▪ PIM 3rd Order (2x20W): -120dBc
	▪ Connector/s: N male - female (4.3/10)
	▪ Note: indoor

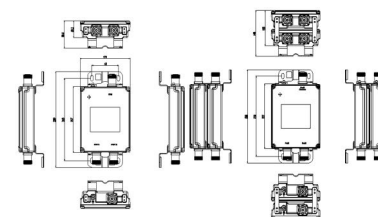


955YYH41	▪ Frequency band: DC 4000MHz.
	▪ Return Loss: ≥ 21 dB
	▪ Input Power: 100W
	▪ Attenuation Value (Y): 3-6-10-15-20-30-40
	▪ PIM 3rd Order (2x20W): -120dBc
	▪ Connector/s: N male - female (4.3/10)
	▪ Note: indoor

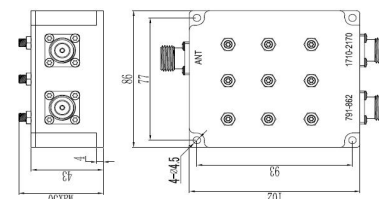


COMBINERS DUAL BAND

95720363	▪ Dual band (DAS)
	▪ Frequency band: 791-960 / 1710-2170MHz.
	▪ Insertion Loss: ≤ 0.8 dB
	▪ Isolation: ≥ 35 dB
	▪ PIM 3rd Order (2x20W): ≤ -150 dBc
	▪ Power: ≤ 100 W
	▪ Connector/s: N
	▪ Note: indoor



96020067	▪ Dual band
	▪ Frequency band: 690-862 / 880-960MHz.
	▪ Insertion Loss: ≤ 0.3 dB
	▪ Isolation: ≥ 50 dB
	▪ PIM 3rd Order (2x20W): ≤ -160 dBc
	▪ Power: ≤ 250 W
	▪ Connector/s: 4.3/10 (7/16)
	▪ Versions: single / dual and DC/AISG Bypass
	▪ Note: indoor / outdoor (IP67)

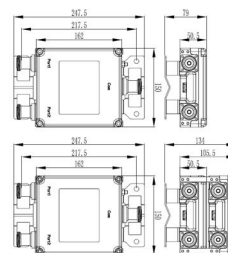


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

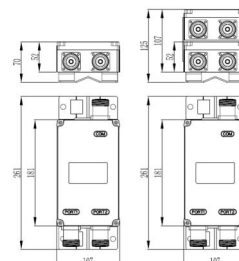
96024787

- Dual band
- Frequency band: 1695-1880 / 1920-2200MHz.
- Insertion Loss: $\leq 0,3\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



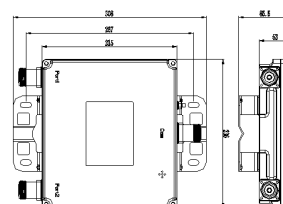
96020547

- Dual band
- Frequency band: 380-960 / 1695-2700MHz.
- Insertion Loss: $\leq 0,2\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 50\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



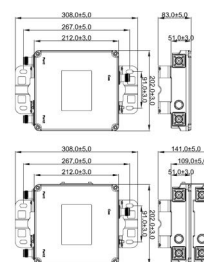
96023777

- Dual band
- Frequency band: 1710-1880 / 1920-2700MHz.
- Insertion Loss: $\leq 0,35\text{dB}$
- Isolation: $\geq 40\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 50\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



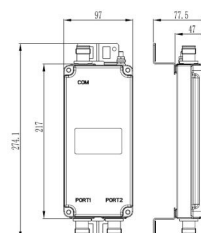
96025707

- Dual band
- Frequency band: 698-960&1710 / 1880 1920-2690MHz.
- Insertion Loss: $\leq 0,35\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 50\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



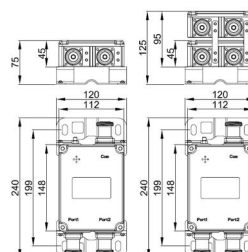
96023167

- Dual band
- Frequency band: 3400-3800 / 698-2700MHz.
- Insertion Loss: $\leq 0,35\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96024387

- Dual band
- Frequency band: 1427-3800 / 490-960MHz.
- Insertion Loss: $\leq 0,35\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)

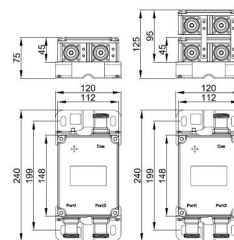


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

96025867

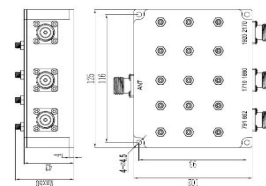
- Dual band
- Frequency band: 3400-3600 / 3610-3800MHz.
- Insertion Loss: $\leq 1,0\text{dB}$
- Isolation: $\geq 30\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 80\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



COMBINERS TRI BAND

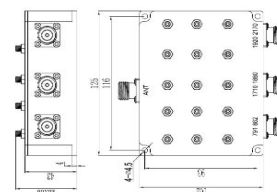
95730183

- Frequency band: 791-960 / 1710-1880 / 1920-2170MHz.
- Insertion Loss: $\leq 0,8\text{dB}$
- Isolation: $\geq 35\text{dB}$
- PIM 3rd Order (2x20W): $\leq -150\text{dBc}$
- Power: $\leq 100\text{W}$
- Connector/s: N
- Note: indoor



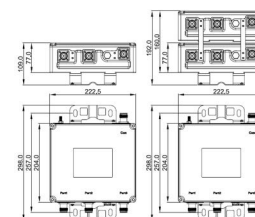
95730193

- Frequency band: 791-862 / 880-960 / 1710-2170MHz.
- Insertion Loss: $\leq 0,8\text{dB}$
- Isolation: $\geq 35\text{dB}$
- PIM 3rd Order (2x20W): $\leq -150\text{dBc}$
- Power: $\leq 100\text{W}$
- Connector/s: N
- Note: indoor



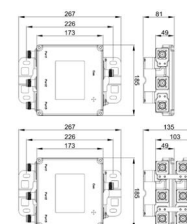
96034437

- Frequency band: 600-960 / 1710-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,5\text{dB}$
- Isolation: $\geq 50-70\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



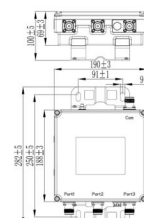
96030407

- Frequency band: 380-960 / 1695-2200 / 2300-3800MHz.
- Insertion Loss: $\leq 0,2-0,35\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



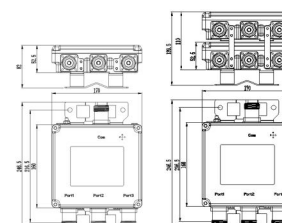
96033045

- Frequency band: 698-862 / 880-960 / 1710-2690MHz.
- Insertion Loss: $\leq 0,2-0,35\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -150\text{dBc}$
- Power: $\leq 200\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96033597

- Frequency band: 1695-1880 / 1920-2170 / 2300-2700MHz.
- Insertion Loss: $\leq 0,3\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)

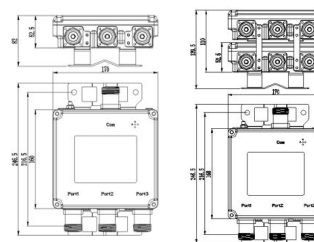


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

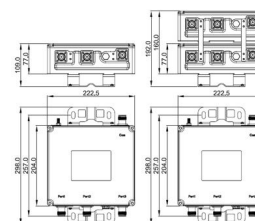
96033207

- Frequency band: 380-960 / 1710-1880 / 1920-2700MHz.
- Insertion Loss: $\leq 0,2\text{dB}-0,35\text{dB}$
- Isolation: $\geq 40\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 200\text{W}$
- Connector/s: 4.3/10 (7/16)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



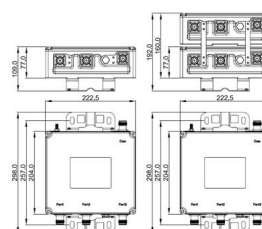
96034437

- Frequency band: 600-960 / 1710-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,5\text{dB}$
- Isolation: $\geq 50-70\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



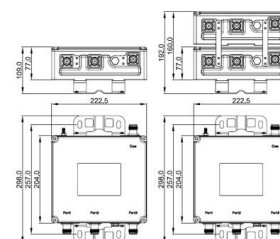
96034437V10

- Frequency band: 600-960 / 1710-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,4\text{dB}$
- Isolation: $\geq 50-70\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



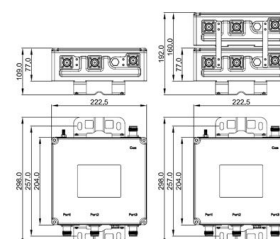
96034007

- Frequency band: 703-788 / 791-960 / 1427-3800MHz.
- Insertion Loss: $\leq 0,3-1,5\text{dB}$
- Isolation: $\geq 40-70\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 200\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96035157

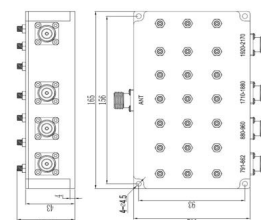
- Frequency band: 698-2700 / 3400-3580 / 3600-3800MHz.
- Insertion Loss: $\leq 0,4\text{dB}$
- Isolation: $\geq 50\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 250\text{W}$
- Connector/s: 4.3/10
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



COMBINERS QUAD BAND

95740173

- Frequency band: 791-862 / 880-960 / 1710-1880 / 1920-2170MHz.
- Insertion Loss: $\leq 0,8\text{dB}$
- Isolation: $\geq 35\text{dB}$
- PIM 3rd Order (2x20W): $\leq -150\text{dBc}$
- Power: $\leq 100\text{W}$
- Connector/s: N
- Note: indoor
- Note: suggested for DAS

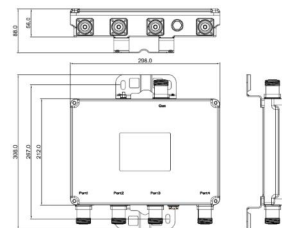


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

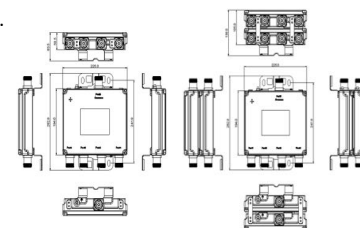
96043177

- Frequency band: 690-862 / 880-960 / 1710-1880 / 1920-2700MHz.
- Insertion Loss: $\leq 0,45-0,35$ dB
- Isolation: ≥ 40 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 200 W
- Connector/s: 4.3/10
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



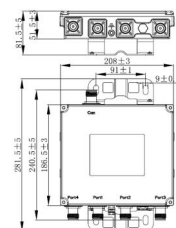
96040097

- Frequency band: 380-960 / 1695-1880 / 1920-2200 / 2300-2700MHz.
- Insertion Loss: $\leq 0,3$ dB
- Isolation: ≥ 50 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 250 W
- Connector/s: 4.3/10
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



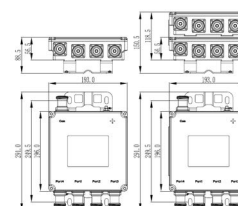
96043037

- Frequency band: 1695-1880 / 1920-2200 / 2300-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,3$ dB
- Isolation: ≥ 50 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 250 W
- Connector/s: 4.3/10 (7/16-N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96043377

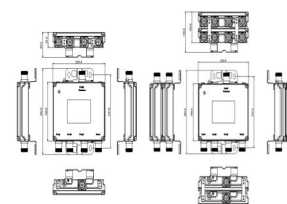
- Frequency band: 380-960 / 1710-2170 / 2300-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,5$ dB
- Isolation: ≥ 45 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 200 W
- Connector/s: 4.3/10 (7/16-N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



COMBINERS PENTA BAND

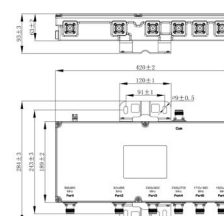
96053037

- Frequency band: 380-960 / 1710-1880 / 1920-2200 / 2300-2400 / 2500-2700MHz.
- Insertion Loss: $\leq 0,5$ dB
- Isolation: ≥ 50 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 300 W
- Connector/s: 4.3/10 (7/16-N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96053257V10

- Frequency band: 380-960 / 1710-1880 / 1920-2170 / 22500-2690 / 3300-3800 MHz.
- Insertion Loss: $\leq 0,4$ dB
- Isolation: ≥ 50 dB
- PIM 3rd Order (2x20W): ≤ -160 dBc
- Power: ≤ 200 W
- Connector/s: 4.3/10 (N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



Sistemi Attivi - Componenti Passivi

96063097

-

96063175

-

96063175

- [illegible]

- Disponibili da catalogo una vasta gamma di soluzioni, altrimenti su richiesta specificando le caratteristiche principali.

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

CRITICAL COMMUNICATION ANTENNAS & FILTERS

- From 40MHz. up to 2500MHz.
- Base Station Antennas
- Marine Antennas
- Mobile Antennas
- IoT Antennas
- RF Filters
- Combiners



- Contattateci per dettagli e informarvi su tutte le soluzioni disponibili

MICROWAVE AND MILLIMETERS PRODUCTS

- Millimetric / Microwave components up to 110GHz.
- Attenuators, Loads, Couplers, Amplifiers, DC-Blocks
- Horn, Log Periodic antennas up to 40GHz.
- VNA test cables
- Armored cable assemblies
- Low loss phase stable
- Semirigid and Flexible Cables
- Connectors up to 110GHz.



- Contattateci per dettagli e informarvi su tutte le soluzioni disponibili

MACRO SITE ANTENNAS

- 2G / 3G / 4G / 5G Bands
- up to 48 connectors
- Integrated Variable Tilt (RET)
- Integra Program for Carbon full print reduction
- NodeLine Side by Side ultra-compact
- S-Line up to 3LB and 6HB
- Circular Antennas up to tri sector
- Massive MIMO
- O-RAN



- Contattateci per dettagli e informarvi su tutte le soluzioni disponibili

SITE ACCESSORIES

- Coax Connectors (N, 7/16, 4.3/10, NEX10, QN, QMA, SMA...)
- Coax Adapters
- Surge Suppressors



- RF Coaxial cables assembled
- RF Jumper Cables
- Low Loss Assembled Coax Cable
- AISG RET Cables



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

- RG Cable
- Low Loss Cables
- Conformable Cable
- Fiber Optic Cables (CPR) / Outdoor / Antirodent
- Ethernet copper cable up to Cat.8



- Patch Panel FO
- Patch Panel RJ45
- Patch Panel mixed
- Wall Box indoor / outdoor



- FO / RJ45 Connectors and Adapters
- Patch cables



- Contattateci per dettagli e informarvi su tutte le soluzioni disponibili
-

Un ringraziamento è d'obbligo ai nostri clienti, i quali ci hanno permesso di accrescere la nostra esperienza grazie alla stretta collaborazione e condivisione di informazioni durante le realizzazioni di moltissimi impianti di coperture ai quali abbiamo contribuito come fornitori; anche grazie a questo abbiamo potuto individuare e selezionare insieme alle nostre rappresentate e fornitori i prodotti migliori.



www.wicomsolutions.it

info@wicomsolutions.it

Wi-Com Solutions S.r.l.

Via Leonardo da Vinci 11, 20813

Bovisio Masciago (MB) Italy

Tel. 0362/1722878 – 1722877