



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

20
23

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

Wi-Com Solutions si propone come riferimento nel mercato italiano delle Infrastrutture Wireless per le forniture di componenti ed accessori Passivi ed Attivi, siano esse Cellulari, PMR, DMR, TETRA, DAB+, Broadband e IoT. La nostra attività nella vendita di componenti passivi RF è iniziata più di 25 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.wicomolutions.it).

Al fine di garantire una qualità di alto livello e che tenga in considerazione anche i costi, nello specifico per gli impianti DAS e di ripetizione la scelta è stata quella di puntare principalmente su prodotti RF che garantiscano valori di Intermodulazione PIM di -150dBc, banda di frequenza 698-3800MHz e connettori N.m. Tuttavia, gli stessi prodotti sono disponibili anche con PIM di -160dBc, con banda estesa a partire da 380MHz. fino a 6000MHz. Tutti i componenti possono essere forniti anche con connettori 4.3/10 e 7/16 o 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.

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ACTIVE COVERAGE SOLUTIONS

M-DOTS Digital CPRI Hybrid & Active DAS

- Multi-Band (4G/5G) & Multi-Operator & Multi-Technology
- Direct-Coupled Type RAU - Radio Access Unit
- Wireless-Access Type RAU - Radio Access Unit (IP67)
- CPRI HUB (8 port expansion + 4 ports)
- Active Antenna Unit - AAU (2T2R - 4T4R / output power up to 24dBm)
- Macro Remote Radio Unit - mRRU (2T2R / output power up to 46dBm)



M-DOTS Digital CPRI Deployed as Off-Air Repeater Indoor

- Multi-Band (4G/5G) & Multi-Operator
- Wireless-Access Type RAU - Radio Access Unit
- CPRI HUB (8 port expansion + 4 ports)
- DSP Unit + High Power RF (2T2R / output Power up to 46dBm)



M-DOTS Digital CPRI Deployed as Off-Air Repeater Indoor

- Multi-Band (4G/5G) & Multi-Operator
- Wireless-Access Type RAU - Radio Access Unit
- CPRI HUB (8 port expansion + 4 ports)
- Macro Remote Radio Unit - mRRU (2T2R / output power up to 46dBm/IP65)



Digital FTTA™ Fiber to The Antenna

- Multi-Band (4G/5G) & Multi-Operator
- Wireless-Access Type RAU - Radio Access Unit
- CPRI HUB (8 port expansion + 4 ports)
- Single band Active Antenna Unit - AAU (2T2R - 4T4R / output power up to 24dBm)
- Dual / Tri Band Active Antenna Unit - AAU (2T2R - 4T4R / output power up to 24dBm)



Next Gen. 4G & 5G Multi-Band Digital Off-Air Repeater

- Single-Band and Dual-Band (LTE BAND 1,3,7,8,20,28 / 5GNR N38,N77,N78,N41,N79)
- DSP and SDR to provide excellent signal selectivity and minimum time delay
- Output power up to +24±2dBm per port (Before Combiner) for small-size coverage area
- DPD, CFR, and AGC for better sensitivity and communication quality and Low modulation EVM, ALCR, and spurious emission
- GNR based-band synchronization algorithms in SDR enables adaptive, accurate, speedy and reliable frame synchronization with 5GNR gNB and working in harmony with macro network



Analog Optical DAS

- Single Operator or 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



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

CardMux PRO Multi-band Digital Off-Air Repeater

- 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



4G/5G In-Train Off-Air Repeaters

- 4G Multi-Band (4G/5G) & Multi-Operator
- Full digital Ultra-wide RF front-end design, multiple bands/technologies/operators
- DSP and SDR to provide excellent signal selectivity and minimum time delay
- Automatic Frequency & Bandwidth Reconfiguration based on Geofencing & positioning via option embedded GPS receiver
- Downlink RF Output power +23dBm per BAND and Uplink RF Output power +30dBm per BAND



MISSION CRITICAL & 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

OMNI 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)



97100523

- Frequency band: 698-960/1425-2700/3300-4000MHz.
- Gain (Typ.): 3.0/4.0/5.5dBi
- Polarization: H Linear / V 360°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 7.3x190mm
- Connector/s: N (4.3/10 or 7/16)
- Note: ASA+PC (UL94-V0) ; Soft and Hard ceiling mount



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)



9761123

- Frequency band: 600-4000MHz.
- Gain (Typ.): 3.0-5.0dBi
- Polarizations: Horizontal
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 180x110.7mm
- 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 (UL94-V0) ; Soft and Hard ceiling mount



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: 4xN (4.3/10)
- Note: ASA+PC (UL94-V0) ; Soft and Hard ceiling mount



SPECIAL TRANSPARENT 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

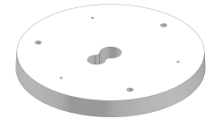
Sistemi Attivi - Componenti Passivi

CEILING MOUNT ANTENNA ACCESSORIES

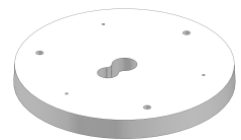
- SP-PE-100-30-01**
- Spacer for ceiling mount antennas on metal ceiling
 - Material: PE
 - Dimensions: 100x100x30mm
 - Note: suitable for SISO and MIMO antennas
 - Note: different dimensions and shape on request



- 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 SMA 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



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WS-BD-6938V-0H6NF

- Frequency band: 698-3800MHz.
- Gain (Typ.): 5.0-6.0dBi
- 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)



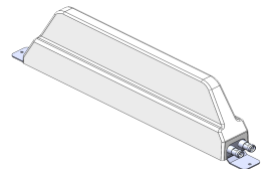
97001223

- 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)



WS-BD-6938VV-FG-NF

- Frequency band: 698-3800MHz.
- Gain (Typ.): 5.0-6.0dBi
- Polarization: Vertical / Vertical (Bi-Directional)
- PIM 3rd Order, 2x20W : -150dBc
- Dimensions: 600x190x82mm
- Connector/s: 2xN female (4.3/10)
- Note: ASA+PC (Flammability Rating UL94-V0)



97411273 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)



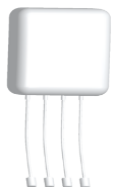
WS-APO-1738X-65-9-N-01

- 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-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: 4xN (4.3/10)
- Note: outdoor



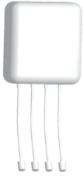
WS-APO-1727M-12-43

- Frequency band: 1710-2700MHz.
- Gain (Typ.): 12.0dBi
- Polarization: ±45° / H 65° / V 30°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 260x160x80mm
- Connector/s: 2x4.3/10 (7/16)
- Note: outdoor



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

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	
97500263	▪ Frequency band: (4x) 1710-2700 / 3300-4200MHz. ▪ Gain (Typ.): 15.0dBi – 14.0dBi ▪ Polarization: $\pm 45^\circ$ H 12°-14° / V 65° ▪ PIM 3rd Order (2x20W): -150dBc ▪ Dimensions: 650,51x280x80mm ▪ Connector/s: 4x4.3/10 ▪ 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-3338X-65-9-N-01	▪ Frequency band: 3300-3800MHz. ▪ Gain (Typ.): 9.0dBi ▪ Polarization: $\pm 45^\circ$ / H 60° / V 58° ▪ PIM 3rd Order (2x20W): -150dBc ▪ 180x158x60mm ▪ Connector/s: 2xN (4.3/10) ▪ Note: outdoor	
WS-APO-3338XX-65-9-N-01	▪ Frequency band: 3300-3800MHz. ▪ Gain (Typ.): 9.0dBi ▪ Polarization: $\pm 45^\circ$ / H 68°-60° / V 60°-58° ▪ PIM 3rd Order (2x20W): -150dBc ▪ Dimensions: 180x158x60mm ▪ Connector/s: 4xN (4.3/10) ▪ Note: outdoor	
WS-APO-3342X-15-N	▪ Frequency band: 3300-3800MHz. ▪ Gain (Typ.): 20.0dBi ▪ Polarization: $\pm 45^\circ$ / H 16° / V 16° ▪ PIM 3rd Order (2x20W): -150dBc ▪ Dimensions: 400x322x106mm ▪ Connector/s: 2xN (4.3/10) ▪ 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: 4xN (4.3/10) ▪ Note: outdoor	

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

2C4U4VX065X06Fwxys4

- Frequency band: (2x) 696-960 | (4x) 1695-2700 | (4x) 3300-4200MHz.
- Gain (Typ.): 11.0dBi
- Polarization: ± 45 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

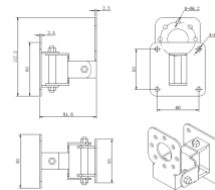
- Frequency band: 1710-3800MHz.
- Gain (Typ.): 11.5dBi
- Polarization: ± 45 H 65°
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 500x400x125mm
- Connector/s: 8x4.3/10
- Note: outdoor



PANEL ANTENNA ACCESSORIES

WS-SB-000-01

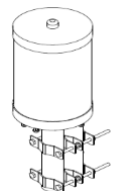
- Panel Antenna Swivel Bracket
- Wall / Pole Mounting
- Up To 45° Left/Right and Up/Down
- Galvanized Steel
- Dimensions: 80x80x81.8mm



CANISTER ANTENNAS

WS-CY-1727-10-3x-70-N

- Frequency band: (6x) 1695-2700MHz.
- Gain (Typ.): 10.5dBi
- Polarization: X Pol.
- PIM 3rd Order (2x20W): -153dBc
- Dimensions: 280x400mm
- Connector: 6x4.3/10
- Note: NO RET



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



2C6U6VT360X06Fwxys5

- 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



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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



YAGI / LOG PERIODIC ANTENNAS

XXXXXX

- Frequency band: 698-4000MHz.
- Gain (Typ.): 9.0-13dBdBi
- Polarization: Vertical / H 56° V 45°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 1100mm
- Connector/s: N



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: 690-4000MHz.
- Gain (Typ.): 10.0-11.0dBi
- Polarization: Vertical / H 47° V 45°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 300x145x785mm
- Connector/s: 4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



WS-LPDA-6840P-13-43

- Frequency band: 690-4000MHz.
- Gain (Typ.): 11.5-13.5dBi
- 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



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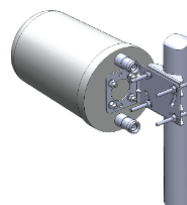
WS-LPDA-6840VHP-11-43

- Frequency band: 690-4000MHz.
- Gain (Typ.): 9.5-11.0dBi
- Polarization: V+H | H 65° V 53°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 300x300x785mm
- Connector/s: 2x4.3/10 (7/16)
- Material: fiberglass
- Note: Heavy Duty



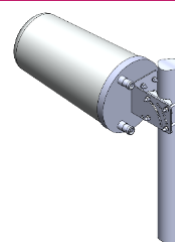
WS-LPDA-3340X45P-12-43

- 3300-4000MHz.
- Gain (Typ.): 12.0dBi
- Polarization: X-pol. | H 48° V 45°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 130x200mm
- Connector/s: 2x 4.3/10 (N)
- Material: fiberglass
- Note: Heavy Duty



WS-LPDA-3340X45P-15-43

- 3300-4000MHz.
- Gain (Typ.): 15.0dBi
- Polarization: X-pol. | H 48° V 45°
- PIM 3rd Order (2x20W): -150dBc
- Dimensions: 130x200mm
- Connector/s: 2x 4.3/10 (N)
- Material: fiberglass
- Note: Heavy Duty



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POWER SPLITTERS

- | | |
|------------------------|--|
| 950204x3 (2way) | ▪ Frequency band: 698-3800MHz. |
| 950304x3 (3way) | ▪ PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7) |
| 950404x3 (4way) | ▪ Power: ≤300W |
| | ▪ Connector/s: N (4.3/10 - 7/16) |
| | ▪ Note: Indoor / Outdoor IP65 |



WILKINSON SPLITTERS

- | | |
|------------------------|----------------------------------|
| 95820013 (2way) | ▪ Frequency band: 698-2700MHz. |
| 95830013 (3way) | ▪ PIM 3rd Order (2x20W): -150dBc |
| 95840013 (4way) | ▪ Power: ≤50W |
| | ▪ Connector/s: N (4.3/10 - 7/16) |
| | ▪ Note: Indoor / Outdoor IP65 |



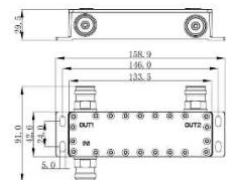
DIRECTIONAL COUPLERS

- | | |
|------------------------|--|
| 9510322X (3dB) | ▪ Frequency band: 698-3800MHz. |
| 9510521X (5dB) | ▪ Insertion Loss: < 3.5dB |
| 9510621X (6dB) | ▪ Isolation: >20dB |
| 9510721X (7dB) | ▪ PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7) |
| 9510821X (8dB) | ▪ Power: ≤50W |
| 9511021X (10dB) | ▪ Connector/s: N (4.3/10 - 7/16) |
| 9511521X (15dB) | ▪ Note: Indoor / Outdoor IP65 |
| 9512021X (20dB) | |
| 9513021X (30dB) | |



HYBRID COMBINERS

- | | |
|--------------------|-----------------------------------|
| 95312475V10 | ▪ 2X1 |
| | ▪ Frequency band: 617-3800MHz. |
| | ▪ Insertion Loss: ≤3.0dB +/-0.8 |
| | ▪ Isolation: >21@Output port |
| | ▪ PIM 3rd Order (2x20W): ≤-155dBc |
| | ▪ Power: ≤500W input port |
| | ▪ Connector/s: 4.3/10 (N) |
| | ▪ Note: IP65 |



- | | |
|-----------------|--|
| 9532163X | ▪ 2X1 |
| | ▪ Frequency band: 698-3800MHz. |
| | ▪ Insertion Loss: < 3.0dB |
| | ▪ Isolation: >25dB |
| | ▪ PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7) |
| | ▪ Power: ≤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: ≤300W |
| | ▪ Connector/s: N (4.3/10 -7/16) |
| | ▪ Note: outdoor IP65 |



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95333793

- 3X3
- Frequency band: 550-4200MHz.
- Insertion Loss: 5.1+/-0.1dB
- Isolation: >25dB
- PIM 3rd Order (2x20W): -150dBc (-160dBc)
- Power: <300W
- Connector/s: N (4.3/10 -7/16)
- Note: IP65



9534426X

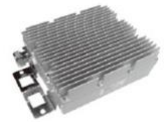
- 4X4
- Frequency band: 698-3800MHz.
- Insertion Loss: < 6.0dB
- Isolation: ≥ 25 dB
- PIM 3rd Order (2x20W): -150dBc (3) -160dBc (7)
- Power: ≤ 200 W
- Connector/s: N (4.3/10 -7/16)
- Note: outdoor IP65



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

955Y33X (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



955Y373X (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



955Y403X (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



955Y437X (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



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|-----------------|---|---|
| 955A0470 (3dB) | ▪ Frequency band: DC 4000MHz. |  |
| 955C0470 (6dB) | ▪ Return Loss: ≥ 19 dB | |
| 955F0470 (10dB) | ▪ Input Power: 5W | |
| 955H0470 (15dB) | ▪ Connector/s: N male - female (4.3/10) | |
| 955L0470 (20dB) | ▪ Note: indoor | |
| 955J0470 (30dB) | | |

- | | | |
|-----------------|---|---|
| 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) | | |

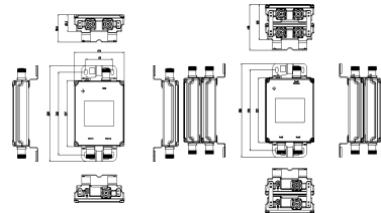
- | | | |
|----------|---|---|
| 955YYM41 | ▪ Frequency band: DC 4000MHz. |  |
| | ▪ Return Loss: ≥ 21 dB | |
| | ▪ Input Power: 10W | |
| | ▪ Attenuation Value (Y): 3-6-10-15-20-30-40 | |
| | ▪ PIM 3rd Order (2x20W): -120dBc | |
| | ▪ Connector/s: N male - female (4.3/10) | |
| | ▪ Note: indoor | |

- | | | |
|----------|---|---|
| 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

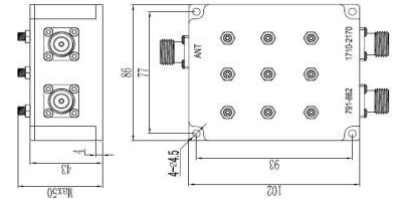
- | | | |
|----------|---|---|
| 95720363 | ▪ Dual band (DAS) |  |
| | ▪ Frequency band: 791-960 / 1710-2170MHz. | |
| | ▪ Insertion Loss: $\leq 0,8$ dB | |
| | ▪ Isolation: ≥ 35 dB | |
| | ▪ PIM 3rd Order (2x20W): ≤ -150 dBc | |
| | ▪ Power: ≤ 100 W | |
| | ▪ Connector/s: N | |
| | ▪ Note: indoor | |

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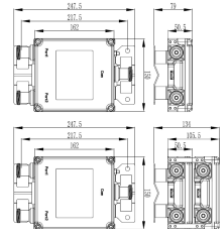
96020067

- Dual band
- Frequency band: 690-862 / 880-960MHz.
- 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)



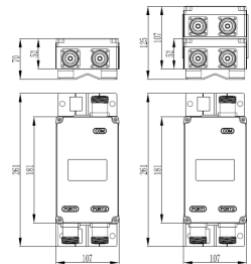
96024787

- 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)



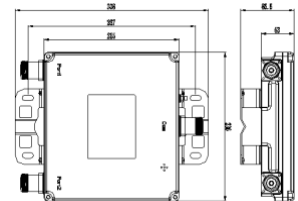
96020547

- 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)



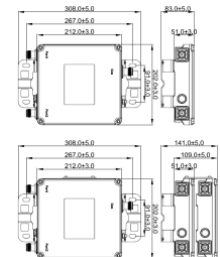
96023777

- 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)



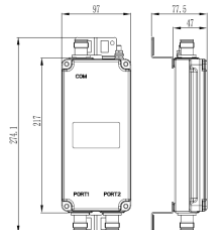
96025707

- 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)

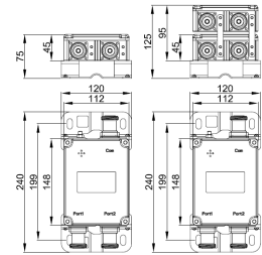


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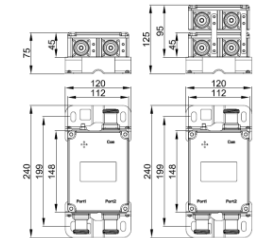
96024387

- 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)



96025867

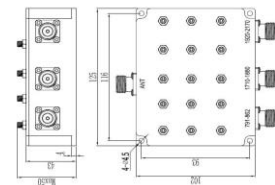
- Dual band
- Frequency band: 3400-3600 / 3610-3800MHz.
- Insertion Loss: $\leq 1,0\text{dB}$
- Isolation: $\geq 30\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 80\text{W}$
- Connector/s: 4.3/10 (7/16 - N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor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



COMBINERS TRI BAND

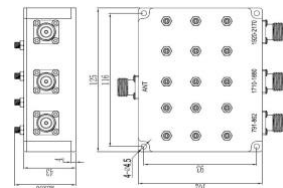
95730183

- 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



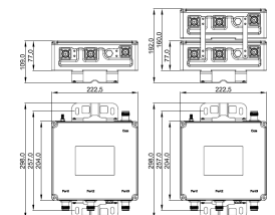
95730193

- 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



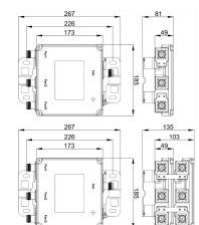
96034437

- 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)

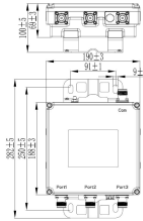


Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

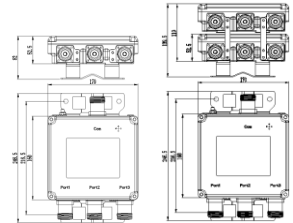
96033045

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



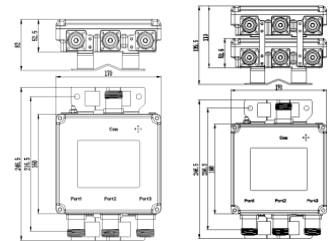
96033597

- Frequency band: 1695-1880 / 1920-2170 / 2300-2700MHz.
- Insertion Loss: $\leq 0,3$ 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)



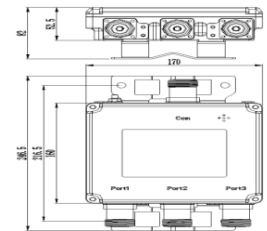
96033207

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



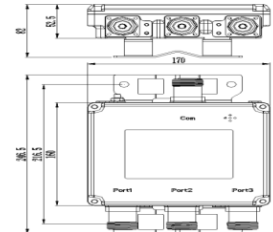
96034437

- Frequency band: 600-960 / 1710-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,5$ dB
- Isolation: $\geq 50-70$ 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)



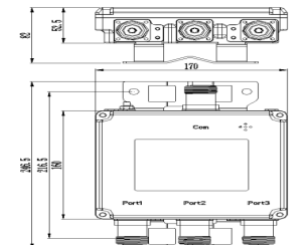
96034437V10

- Frequency band: 600-960 / 1710-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,4$ dB
- Isolation: $\geq 50-70$ 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)



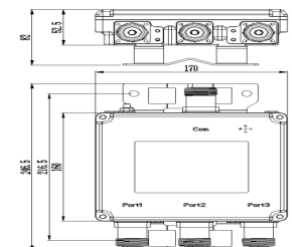
96034007

- Frequency band: 703-788 / 791-960 / 1427-3800MHz.
- Insertion Loss: $\leq 0,3-1,5$ dB
- Isolation: $\geq 40-70$ 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)



96035157

- Frequency band: 698-2700 / 3400-3580 / 3600-3800MHz.
- Insertion Loss: $\leq 0,4$ 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)



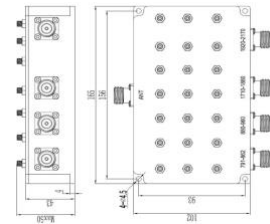
Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

COMBINERS QUAD BAND

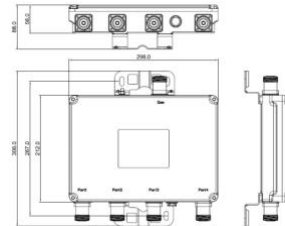
95740173

- 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



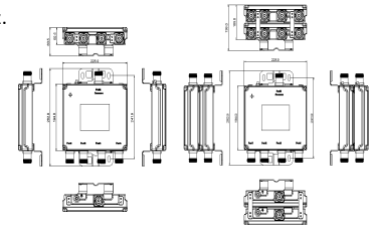
96043177

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



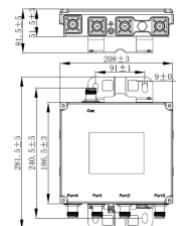
96040097

- Frequency band: 380-960 / 1695-1880 / 1920-2200 / 2300-2700MHz.
- Insertion Loss: $\leq 0,3\text{dB}$
- 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)



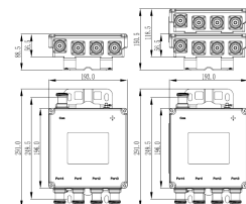
96043037

- Frequency band: 1695-1880 / 1920-2200 / 2300-2700 / 3300-3800MHz.
- 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-N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor / outdoor (IP67)



96043377

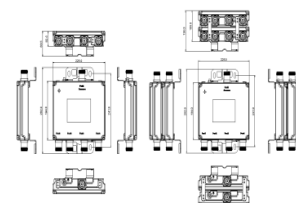
- Frequency band: 380-960 / 1710-2170 / 2300-2700 / 3300-3800MHz.
- Insertion Loss: $\leq 0,5\text{dB}$
- Isolation: $\geq 45\text{dB}$
- PIM 3rd Order (2x20W): $\leq -160\text{dBc}$
- Power: $\leq 200\text{W}$
- Connector/s: 4.3/10 (7/16-N)
- Versions: single / dual and DC/AISG Bypass
- Note: indoor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



COMBINERS PENTA BAND

96053037

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



Sistemi Attivi - Componenti Passivi

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

MISSION CRITICAL ANTENNAS & FILTERS

- DAB/PMR/DMR/TETRA/GSM-R/LTE-R
- From 40MHz. up to 2500MHz.
- Base Station Antennas
- Marine Antennas
- Mobile Antennas
- IoT Antennas
- RF Filters
- Combiners



IoT / LoRa / NETWORKING

- Modem, router, Gateway link, 4G/5G/Wi-Fi/GPS
- Sensors LoRa
- Media Converter
- Switches
- PoE
- SFP
- Commercial / Railways / Industrial Approvals



MICROWAVE AND MILLIMETERS PRODUCTS

- Millimetric / Microwave components up to 300GHz.
- 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.



©

- 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



SITE ACCESSORIES

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



Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

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



- 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
-

Prodotti RF In-Buildings e Small Cells

Sistemi Attivi - Componenti Passivi

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.



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