

Serie 5012

Accessories

Emisfera BT presents an innovative and affordable technology to perform indoor and outdoor radio coverage systems, for wide logistics and industrial environments.

Application: Thanks to a new RF coverage conception, frequent radio frequency propagation problems, has been solved by this solution. Emisfera BT antennas system performs a properly coverage, where shelves and metal infrastructures, shield the interconnection with handle radio terminal, mobile client and WiFi bar code readers. A passive system of Emisfera BT Antennas helps radio communication, in complex and obstructed environments, as well as warehouse's area, composite buildings, hospitality, tunnels, refrigerated cells or critical interference sites.

Integration: Emisfera BT solution is appropriate to any kind of access point device compliant to 802.11a/b/h/n/ac IEEE standard, as new device or recycled from an existing system. Moreover, Emisfera BT antennas are applicable to any kind of radio device operating in the frequency range of 400Mhz – 6Ghz, supporting detached antennas.

Emisfera BT antenna allows an homogeneous propagation signals inside the area of interest, enveloping every object from the above, avoiding "shadow zones" in the radio frequency coverage.

Main advantages: The coverage system provided by Emisfera BT antennas technology, reduce of 2/3 access point device implementation, instead of any traditional coverage system. Additionally Emisfera BT technology brings several technical and economical advantages in wireless network implementation and next follow maintenance. Main advantages are: high reliability, low internal mutual interferences, stability of the signal, quality of client connections, no client roaming disconnection, low infrastructures implementation, security improvement, energy saving, etc...





100 meters mounting kit for ceiling installation of the BT Antenna.

Mounting Kit: BT-MK100 / BT-MK100_OUT
Technical specifications:

Cable length:	100 m
Cable material:	Dielectric rope
Maximum tension charge:	500kg (50kN)
Included accessories:	bars, tensioners, quick links, eye-bolts.

BT Antenna model fitted: All BT models



60 meters mounting kit for ceiling installation of the BT Antenna.

Mounting Kit: BT-MK60 / BT-MK60_OUT
Technical specifications:

Cable length:	60 m
Cable material:	Dielectric rope
Maximum tension charge:	500kg (50kN)
Included accessories:	bars, tensioners, quick links, eye-bolts.

BT Antenna model fitted: BT5012 L30/C30
BT5012 L40/C40
BT5012 L50/C50



Coupling device enabling 2 or 3 access point connected to the same single antenna, for protection, fault tolerance or aggregation features

BT25-1+1
Technical specifications:

Protection mode:	1+1, 2+1
Bandwith Aggregation mode:	2+0, 3+0
Frequency:	2.3-2.5GHz
Number of AP:	2 or 3 (up to 3)
Channels:	Ch1 + Ch6 + Ch 11
Connector type:	Nf
Insertion loss:	1,5 dB
BT Antenna model fitted:	All BT models



Diplexer device enabling different GSM-DECT-WIFI systems connected to the same single antenna

BT-GSM/DECT/WIFI
Technical specifications:

<i>INPUT Frequency BAND 1:</i>	790-960MHz (LTE-GSM)
<i>INPUT Frequency BAND 2:</i>	1710-2170MHz (DECT-UMTS)
<i>INPUT Frequency BAND 3:</i>	2400-2500MHz (WiFi)
<i>Insertion Loss:</i>	1,5 dB
<i>Max power input:</i>	10 Watt
<i>Impedance typ.:</i>	50 Ohm
<i>Connector type:</i>	Nf
<i>IP Protection Grade</i>	IP67
<i>BT Antenna model fitted:</i>	All BT models



2.4-5GHz Diplexer enabling different 2.4-5GHz radios connected to the same single antenna

BT-2450-DIP
Technical specifications:

<i>Impedance typ.:</i>	50 Ohm
<i>INPUT Frequency LOW BAND:</i>	900-2500MHz
<i>INPUT Frequency HIGH BAND:</i>	4900-5875MHz
<i>Insertion Loss LOW BAND:</i>	0,75dB
<i>Insertion Loss HIGH BAND:</i>	1dB
<i>Max power input:</i>	1Watt
<i>Connector type:</i>	Nf
<i>BT Antenna model fitted:</i>	All BT models