



Newsletter

December 2015

RackLine IP42 Cabinets

AT&T Cabling Systems launched IP42 racks, designed for use where dust and water protection are required. Available product sizes are 26U, 42U, 45U and 47U, 600/800mm width and 800/1000/1200mm depth.

Catalog pages detailing these cabinets are attached to this newsletter.

AT&T Cabling Systems launched IP42 racks conform to the following Standards & EU Directives

- Mechanical structure conforming to EN 61587-1, IEC 60917 & IEC 60297
- Vibration & shock tests according to IEC 60068-2
- Corrosion resistance (salt spray) acc. to ISO 9227, ASTM B117
- IP42 according to IEC 60529
- Bonding & ground continuity according to IEC 61010-1
- EU Directive 2011/65/EU (RoHS-2)

The IP level in racks and cabinets is defined by IEC 60529 and EN 60529 which outline an international classification system for the sealing effectiveness of electrical equipment enclosures against ingress of foreign bodies (i.e. tools, dust, and fingers) and moisture into the equipment. This classification system utilizes the letters "IP" ("Ingress Protection") followed by two or three digits. A third digit is sometimes used. An "x" is used for one of the digits if there is only one class of protection; i.e. IPX4 which addresses moisture resistance only.

IP Degree of Protection according to EN/IEC 60529

First Figure		Second Figure	
0	No protection	0	No protection
1	Protected against a solid object 50 mm or greater	1	Protected against vertically dripping water
2	Protected against a solid object 12 mm or greater	2	Protected against vertically dripping water, when tilted 15 degrees
3	Protected against a solid object 2,5 mm or greater	3	Protected against water spraying at an angle up to 60 degree
4	Protected against a solid object 1 mm or greater	4	Protected against water splashing from any direction
5	Dust protected	5	Protected against jets of water from any directions
6	Dust tight	6	Protected against powerful jets of water from any directions
-		7	Protected against immersion between a depth of 150 mm and 1000 mm
-		8	Protected against submersion

AT&T Cabling Systems provides complete and state-of-the-art LAN cabling solutions and components for all needs of enterprise customers. Our high-performance network infrastructure solutions based on innovative designs and highly advanced technology are the first choice for all applications. Combining unmatched reliability with the unparalleled AT&T Millennium™ Lifetime warranty, AT&T Cabling Systems is your key to years of fail-safe and trouble-free operation, minimizing system downtime and maximizing your profits.

AT&T RackLine

Free Standing Server Cabinets

Description

Free standing 19" server cabinets	
Construction material	Sheet Steel
Size options	26U, 42U,45U and 47U (other sizes available)
Width and depth options	600x1000mm or 800x1200mm
Color	Black RAL 9005
Accessories	Page D.5.1

Standard & EU Directives Conformance

- Mechanical structure conforming to EN 61587-1, IEC 60917 & IEC 60297
- Vibration & shock tests according to IEC 60068-2
- Corrosion resistance (salt spray) acc. to ISO 9227, ASTM B117
- IP42 according to IEC 60529
- Bonding & ground continuity according to IEC 61010-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Static load capacity	1000 Kg max.
Dynamic load capacity	750 Kg max.
Front door	Detachable, single, complete frame, glass door
Rear door	Detachable, double, complete solid metal
Side panels	Detachable, key-locked
Profiles	U marking on both sides
Mounting	Normal floor or raised floor Optional raised floor fixing kit
Electrical grounding	Internal parts and frame grounding kit
Cabinet row formation	Aligning baying kit
Locking options	Standard: Mechanical lock Optional: Electronic key-access



Ordering Information

Description	Size	Dimensions mm	Color	P/N
Free standing 19" Server Cabinet	26U	600x1000	Black	7116100026B-BK51
Free standing 19" Server Cabinet	42U	600x1000	Black	7116100042B-BK51
Free standing 19" Server Cabinet	47U	600x1000	Black	7116100047B-BK51
Free standing 19" Server Cabinet	42U	800x1200	Black	7118100042B-BK51
Free standing 19" Server Cabinet	45U	800x1200	Black	7118100045B-BK51
Free standing 19" Server Cabinet	47U	800x1200	Black	7118100047B-BK51

AT&T RackLine

Free Standing Network Cabinets

Description

Free standing 19" network cabinets	
Construction material	Sheet Steel
Size options	26U, 36U, 42U, 45U and 47U (other sizes available)
Width and depth options	600x800mm, 600x1000mm, 800x800mm or 800x1000mm
Color	Black RAL 9005
Accessories	Page D.5.2

Standard & EU Directives Conformance

- Mechanical structure conforming to EN 61587-1, IEC 60917 & IEC 60297
- Vibration & shock tests according to IEC 60068-2
- Corrosion resistance (salt spray) acc. to ISO 9227, ASTM B117
- IP42 according to IEC 60529
- Bonding & ground continuity according to IEC 61010-1
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties

Static load capacity	750 Kg max.
Dynamic load capacity	562 Kg max.
Front door	Detachable, glass, single or double
Rear door	Detachable, solid metal, single or double
Side panels	Detachable, key-locked
Profiles	Front U marking
Mounting	Normal floor or raised floor Optional raised floor fixing kit
Electrical grounding	Internal parts and frame grounding kit
Cabinet row formation	Aligning baying kit
Locking options	Standard: Mechanical lock Optional: Electronic key-access



Ordering Information

Description	Size	Front Door	Rear Door	Dimensions mm	Color	P/N
Free standing 19" Network Cabinet	26U	Single Glass	Single Solid	600x800	Black	712608S026B-BK51
Free standing 19" Network Cabinet	36U	Single Glass	Single Solid	600x800	Black	712608S036B-BK51
Free standing 19" Network Cabinet	26U	Single Glass	Double Solid	600x1000	Black	712610S026B-BK51
Free standing 19" Network Cabinet	42U	Single Glass	Double Solid	600x1000	Black	712610S042B-BK51
Free standing 19" Network Cabinet	45U	Single Glass	Double Solid	600x1000	Black	712610S045B-BK51
Free standing 19" Network Cabinet	47U	Single Glass	Double Solid	600x1000	Black	712610S047B-BK51
Free standing 19" Network Cabinet	42U	Double Glass	Double Solid	800x800	Black	712808D042B-BK51
Free standing 19" Network Cabinet	45U	Double Glass	Double Solid	800x800	Black	712808D045B-BK51
Free standing 19" Network Cabinet	47U	Double Glass	Double Solid	800x800	Black	712808D047B-BK51
Free standing 19" Network Cabinet	42U	Double Glass	Double Solid	800x1000	Black	712810D042B-BK51
Free standing 19" Network Cabinet	45U	Double Glass	Double Solid	800x1000	Black	712810D045B-BK51
Free standing 19" Network Cabinet	47U	Double Glass	Double Solid	800x1000	Black	712810D047B-BK51