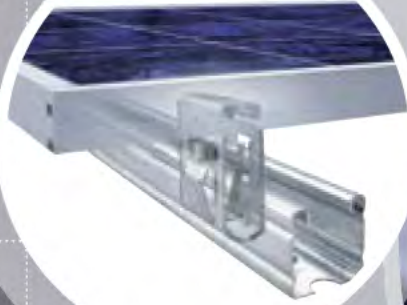




GROUND MOUNT SOLUTION

FOR Framed Modules and Steel Structures

PowAR Snap® 90B



APPLICATION
GROUND
MOUNT



PV MODULES
FRAMED



ORIENTATION
VERTICAL



ORIENTATION
HORIZONTAL



PowAR Snap® 90B fast module fastener for steel structures

PowAR Snap® is an easy and tool-free fastener of the module to the strut or steel rail.
PowAR Snap® simply slides onto the module frame and snaps into channeled strut or steel rail.





GROUND MOUNT SOLUTION

FOR Framed Modules and Steel Structures

PowAR Snap® 90B



1) **Fast assembly:**
up to 60% time saving
per module*
Quick snapping & robust fixing to strut
rail, in only 2 steps.

2) **UL Recognized**
Meets UL2703, section 21 for
Mechanical Load Testing and section
19 for Corrosive Atmosphere testing.

3) **Serviceable**
Maintenance ensured by accessibility
from bottom / back side of module.

*According to terms and conditions defined by ARaymond

4) **Installation**
2 steps and it's done!

Slip PowAR Snaps® into place
on the module

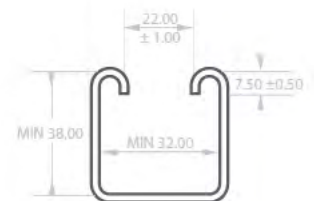


Clip module with attached
PowAR Snaps® into strut



PRODUCT GROUP	FASTENER CLIP	SETTING TOOL
PRODUCT	CLIP – MODULE ATTACHEMENT PowAR snap 90B HDG	REMOVAL TOOL PowAR snap 90B
ARTICLE N°	136206001	227130000
MATERIAL & SURFACE TREATMENT	SAE 1050-1065 STEEL HOT DIP GALVANISED Zinc 1 OZ./SQ	1018 Steel HRPO BLACK OXIDE FINISH
MODULE TYPES	FRAMED	
MODULE ORIENTATION	PORTRAIT/LANDSCAPE	
MODULE SPECIFICATIONS	ALUMINIUM THICKNESS FROM 1,5 TO 2,5 mm EDGE WIDTH OF 18 mm MINIMUM	
RAIL SPECIFICATIONS	STEEL RAILS - STRUT 41X41 mm EXAMPLES OF SUPPLIERS & TYPES : WALRAVEN – RAPIDSTRUT ERICO – AAG, AB, AS, LAG, LAB, LAS SIKLA – MS41 HCP HILTI – HS UNISTRUT – P1000, P2000, P5000, P5500 OR 41X62 mm	
DIMENSIONS* (AxBxC)	38x63x34 (mm)	-

* DIMENSIONS: A = LENGTH / B = WIDTH / C = HEIGHT
Product Information disclosed in this "BROCHURE" can be modified without any previous notice.



))) **Connecting Together:** contact@araymond-energies.com

EE2013-1001-EN

"ARaymond" refers, in this Brochure, to ARAYMOND GmbH & Co. KG Teichstrasse 57 Postfach 2140 79539 Lörrach Germany; ARAYMOND SARL 113 cours Berriat BP157 38019 Grenoble Cedex France; ARAYMOND Italiana Via Provinciale Torino-Svizzera, 41 13040 Carisio (Vercelli) Italy; ARAYMOND Timmerman Industries, Inc. 1060 West 130th Street Brunswick, OH 44212 USA, which are independent companies of ARAYMOND Network and are the editor of this Brochure and are responsible for this Brochure (hereinafter referred to as "ARaymond").

"Brochure" means the information and any materials available in this Brochure including, without any limitation, texts, figures, pictures, datasheets, product descriptions etc. THIS BROCHURE DOES NOT CONSTITUTE AN OFFER OR AN AGREEMENT OF ANY KIND. THIS BROCHURE DOES NOT CONSTITUTE A TECHNICAL NOTE. THE BROCHURE IS PROVIDED «AS IS» AND ONLY FOR EVALUATION PURPOSE. THIS IS A MARKETING MATERIAL ONLY.

ARaymond makes no warranty or representation whatsoever regarding the Brochure, its use or its suitability to meet specific needs. ARAYMOND DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE ACCURACY, RELIABILITY, NOVELTY, COMPLETENESS, MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OF THE BROCHURE, NOR THAT WILL ITS USE NOT INFRINGE ON ANY THIRD PARTY'S RIGHTS.

ARaymond is not liable for any incidental, consequential or special damages of any kind due to the use of the Brochure. The Brochure and/or its contents are copyrighted works of ARaymond and may be also protected by trademark laws, patent laws or other laws. All other copyrights, trademarks or patents not owned by ARaymond are the property of their respective owners. The only use permitted is to consult the Brochure. Any rights not expressly granted herein are reserved. Except as expressly specified in these terms, nothing contained herein shall be construed as conferring any license or right of any copyright, trademark, patent, or any proprietary rights. Any unauthorized use of this Brochure may violate rights, and so, ARaymond or any third party concerned may claim any damages or losses suffered.

This Brochure is dated of August 2013.
If you need further information, please contact ARaymond.

