

ENERGY & INFORMATION CONNECTED

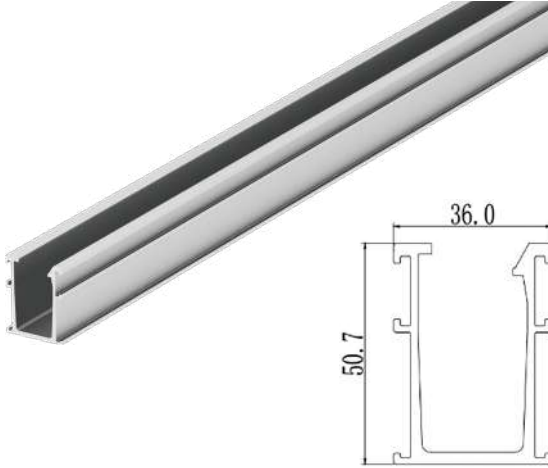
CABLE TRAY SYSTEMS

INSTALLATION GUIDE



TUNNAL RAIL TRAY

Tunnal Rail Tray



Load Rating and Deflection

SPAN	2.5m	30kg	Deflection 21mm
	2.0m	60kg	Deflection 17mm
	1.5m	143kg	Deflection 13mm
	1.0m	290kg	Deflection 9mm
LOAD PER METER			

Note:

Supplied in 4.6 m length.

Accessories



SCO-ECO/380
TUNNAL Rail Tray Cover,
380 mm



ER-SP-ECO
Splice Plate



ER-I-05A/EZC/ECO
Tin Interface A with
ezClick connection



ER-I-05A/EZC/MAX
Tin Interface A with
ezClick connection and
double chambers



ER-I-34/CRC
Brooklyn Klip-lok Interface
pre-assembly with
Cross Connector Clamp

Storage

TUNNAL rail tray can be stored outside, but should be loosely stacked, elevated off the ground, and placed in a well-ventilated dry location. If appearance is important, cable tray should be stored indoors or under cover to prevent water or other foreign materials staining.

Installation Method

Assembly with L feet and one set of splice*



Assembly with L feet and two sets of splice*



Assembly with Brooklyn Klip-lok bracket and CRC and one set of splice*



Assembly with Brooklyn Klip-lok bracket and CRC and two sets of splice*



Assembly with ComT 2.0*



DC cables and connectors in TUNNAL Rail Tray



*Please refer to engineering certificate letter when using for rail for PV mounting system.


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ACCESORIES CERTIFICATION LETTER

For the introduction of these new accessories, we have created reduction and increment factors for each COMPONENT in our PV-ezRack product range. These factors have been carefully crafted to cover most of the possible scenarios that you may encounter during a solar installation.

MW Engineering Melbourne, being Structural Engineers within the meaning of Australian regulations, have calculated the below factors to be applied to spacing tables for the PV ez-Rack range for the following conditions:

Rail	Component	WR A	WR B1	WR B2	WR C	WR D
Eco Rail	Double L-Foot	0%	0%	0%	4%	10%
Tunnal rail	Single L-feet (single splice)	5%	4%	4%	0%	0%
Tunnal rail	Single L-feet (double splice)	9%	8%	7%	0%	0%
Tunnal rail	Double L-feet (single splice)	5%	4%	4%	6%	12%
Tunnal rail	Double L-feet (double splice)	9%	8%	7%	8%	17%

The certificates spacing tables can be used with the above increment factors:

- CL-088-S Tin and Tile Interface spacing tables
- CL-343-S Klip-lok Flush Interface spacing tables
- CL-406-S Klip-lok Tilt Interface spacing tables
- CL-530-S Penetrative tilt Interface spacing tables
- CL-563-S Adjustable Tile Interface spacing tables
- CL-619-S Commercial tilt interface spacing tables
- CL-620-S Klip-lok Commercial Tilt V2.0 Spacing Tables
- CL-693-S Tin and Tile Interface spacing tables -V500 years
- CL-1056-Y Commercial Klip-lok
- CL-1066-Y Commercial penetrative

The values shown on this table will be valid unless an amendment is issued on any of the following codes:

- AS/NZS 1170.0- 2002 AMDT 4-2016 General Principles
- AS/NZS 1170.1- 2002 AMDT 4-2016 Imposed Loadings
- AS/NZS 1170.2- 2021 Wind Loadings
- AS/NZS 1664.1- 1997 AMDT 1:1999 Aluminium Code

Should you have any queries, do not hesitate to contact us.

Best Regards,

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