

TECHNICAL DATA SHEET



Installation Guidance

Tools: Tin snips, drill

1. Prepare roof surface – Ensure clean, dry, and free of debris.
2. Check cable size – Confirm the exact outside diameter of each cable.
3. Cut nipples – Trim as indicated for 4–6 mm or 6–8 mm cables using tin snips or scissors. Ensure cuts are straight and parallel for a tight fit. *Do not pierce the nipple with a craft knife or pointed tool.*
4. Mark cable entry – Identify positions on the roof and cut openings.
5. Position flashing – Shape the flexible aluminium band to the roof profile; place the base over the opening.
6. Feed cables – Insert up to 12 cables (4–8 mm external diameter) through the EPDM cone.
7. Seal and fix – Apply neutral cure silicone under the flange; secure with self-tapping screws for a watertight seal.
8. Final check – Confirm EPDM grips firmly; inspect for gaps; test for water ingress.

Notes:

- Roof pitch range: Any.
- EPDM temperature tolerance: –50 °C to 115 °C constant, up to 150 °C intermittently.
- Use sealants compatible with EPDM and metal roofing.
- Follow MCS guidelines for solar installations.

Product Identification

Product Name:

Multicable Entry – Metal Roof

Product Code:

MCFLASHMR

Manufacturer:

Genius Roof Solutions

The Multicable Entry is a purpose-made flashing solution for multiple cable entries on metal roofs. Designed for durability and compliance, this product ensures a secure, weatherproof seal for solar and electrical installations.

Ideal for:

- Weatherproofing up to 12 cables through metal roof profiles
- Maintaining roof integrity with a flexible aluminium edge
- Meeting MCS requirements for cable entry protection

Key Features:

- Protects up to 12 cables and seals entry points against water ingress
- Highly durable EPDM construction for long service life
- Flexible aluminium band adapts to most roof profiles
- Square base design for universal fit
- Compliant with industry standards for solar installations

Technical Specification

Attribute Multicable Entry – Metal Roof

Image



Quantity 1

Product Code MCFLASHMR

Supplier/
Manufacturer Swanson Mackay & Co Ltd

Purpose Weatherproof flashing for up to 12 cables on metal roofs

Testing

ASTM D2240 – Shore ‘A’ Hardness
 ASTM D412 – Tensile Strength
 ASTM D412 – Elongation at Break
 ASTM D624 – Tear Resistance Die C
 ASTM D624 – Trouser Tear
 ASTM D573 – Heat Resistance (70 hrs @ 100 °C)
 ASTM D395 – Compression Set (22 hrs @ 70 °C)
 ASTM D1171 – Resistance to Ozone
 ASTM D2137 – Low Temperature Brittleness
 ASTM UL94 – Flame Resistance

Standards

Meets MCS requirements
 Australian Standard SAA HB 39–1997
 Australian Standard AS2918–1990

Technical Data

Attribute Multicable Entry – Metal Roof

Dimensions 139 x 139mm

Net Weight 90g

Material Ethylene Propylene Diene Monomer, (EPDM), Hardness: 65 Shore A

Commodity Code 8484100090

Country of Origin UK