Technical Data Sheet

UT3 Cable Tray

Product Description:

The UT3 cable tray boasts superior strength and aesthetic appeal with a cable laying depth of 45mm, up to 600mm widths, and 3m lengths. Its unique design enhances load-bearing capacity for various spans. A range of accessories allows for onsite fabrication of bends and tees.



Features:

- Its modular design and compatibility with various accessories offer flexibility in design and configuration, adapting to changing requirements or layouts.
- Its open structure allows for better airflow around cables, reducing the risk of overheating and ensuring optimal performance of electrical systems.
- Load Rating: up to 75kg/m at 2m spans
- Available in 150mm, 300mm, 450mm and 600mm widths
- Wide range of accessories for onsite fabrication

Standards:

- Pre-Galvanised (GB)(TG) to AS1397
- 316 Stainless Steel (SS) to AS/NZS 1365 and AS 2837
- Hot Dip Galvanised (HG) to AS/NZS 4680, ISO1461

Finishes:

- TrueGalv [TG]
- Hot Dip Galvanised [HG]
- Galvabond [GB]
- 316 Stainless Steel [SS]

Applications:

- Renewables
- Infrastructure
- Commercial Buildings
- Shopping Centres
- Warehouse & Distribution
- Residential Apartment Blocks

Note: Before using Atkore products, it's essential to consult the manufacturer's specifications and guidelines to ensure proper installation and performance in your specific application.

Technical Data Sheet

Finishes:



TrueGalv
(TG)



Galvabond
(GB)



Stainless Steel
(SS)

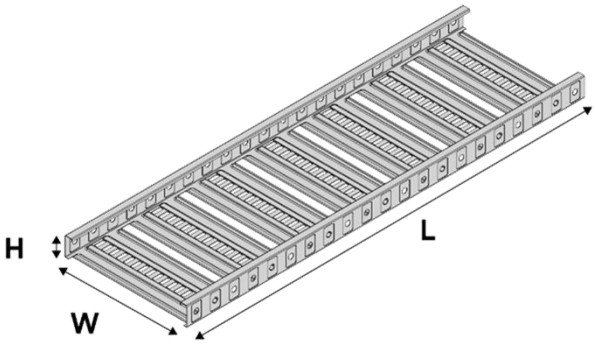
Note: 316 Stainless Steel available to special order in New Zealand



Hot Dip Galvanised
(HG)

Note: Hot Dip Galvanised available to special order in Australia

Dimensions:



Cat No	Cable Laying Width	W	Cable Laying Depth	H	L
UT3-150	150	172	45	50	3000
UT3-300	300	322	45	50	3000
UT3-450	450	472	45	50	3000
UT3-600	600	622	45	50	3000

All dimensions in millimetres (mm)

Load Rating & Deflection:

Steel

Span	Load Rating	Deflection
1.5 metres	125kg/m	10mm
2.0 metres	75kg/m	20mm
2.5 metres	50kg/m	25mm
3.0 metres	35kg/m	35mm

Stainless Steel

Span	Load Rating	Deflection
1.5 metres	106kg/m	12mm
2.0 metres	64kg/m	23mm
2.5 metres	43kg/m	29mm
3.0 metres	30kg/m	41mm

Technical Data Sheet

Ordering Guide:

Tray

Australia		New Zealand		
Cat No	**Mat No**	**Cat No**	**Mat No**	**Description**
UT3-150GB	4031416	UT3-150G	2265489	UT3 150MM WIDE - 3M LENGTH GALVABOND
UT3-300GB	4031417	UT3-300G	2265490	UT3 300MM WIDE - 3M LENGTH GALVABOND
UT3-450GB	4031418	UT3-450G	2265491	UT3 450MM WIDE - 3M LENGTH GALVABOND
UT3-600GB	4031419	UT3-600G	2265492	UT3 600MM WIDE - 3M LENGTH GALVABOND
UT3-150TG	4035238	UT3-150TG	2267057	UT3 150MM WIDE - 3M LENGTH TRUEGALV
UT3-300TG	4035239	UT3-300TG	2267058	UT3 300MM WIDE - 3M LENGTH TRUEGALV
UT3-450TG	4035240	UT3-450TG	2267059	UT3 450MM WIDE - 3M LENGTH TRUEGALV
UT3-600TG	4035241	UT3-600TG	2267060	UT3 600MM WIDE - 3M LENGTH TRUEGALV
UT3-150SS	4036921	NA		UT3 150MM WIDE - 3M LENGTH STAINLESS STEEL
UT3-300SS	4036922	NA		UT3 300MM WIDE - 3M LENGTH STAINLESS STEEL
UT3-450SS	4038480	NA		UT3 450MM WIDE - 3M LENGTH STAINLESS STEEL
UT3-600SS	4038481	NA		UT3 600MM WIDE - 3M LENGTH STAINLESS STEEL
NA		UT3-150H	2265637	UT3 150MM WIDE - 3M LENGTH HOT DIP GALVANISED
NA		UT3-300H	2265638	UT3 300MM WIDE - 3M LENGTH HOT DIP GALVANISED
NA		UT3-450H	2265639	UT3 450MM WIDE - 3M LENGTH HOT DIP GALVANISED
NA		UT3-600H	2265640	UT3 600MM WIDE - 3M LENGTH HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Splice Plate



Australia		New Zealand		
Cat No	**Mat No**	**Cat No**	**Mat No**	**Description**
UT3SPGB	4032082	UT3SP-G	2265483	SPLICE PLATE GALVABOND
UT3SPTG	4035362	UT3SP-TG	2267047	SPLICE PLATE TRUEGALV
UT3SPSS	4036923	NA		SPLICE PLATE STAINLESS STEEL
NA		UT3SP-H	2265643	SPLICE PLATE HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Note: 2 x splice plates and 4 x Nuts & Bolts required per tray

Link Plate



Australia		New Zealand		
Cat No	**Mat No**	**Cat No**	**Mat No**	**Description**
UT3LPGB	4032083	UT3LP-G	2265482	LINK PLATE GALVABOND
UT3LPTG	4035360	UT3PL-TG	2267046	LINK PLATE TRUEGALV
UT3LPSS	4038529	NA		LINK PLATE STAINLESS STEEL
NA		UT3LP-H	2265645	LINK PLATE HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Note: 2 x Nuts & Bolts required per link plate, link plates are designed for internal and external riser fabrication

Technical Data Sheet

Gusset



Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
NA		UT3AG-GB	2268488	GUSSET GALVABOND
UT3TGTG	4032081	UT3AG-TGALV	2266911	GUSSET TRUEGALV
UT3TGSS	4038334	NA		GUSSET STAINLESS STEEL
NA		UT3AG-H	2265487	GUSSET HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Note: 4 x Nuts & Bolts required per Gusset, Gussets are designed for Tee. 2 Gussets required per Tee.

Radius Plate



Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
UT3RPGB	4032084	UT3RP-G	2265481	RADIUS PLATE 3M GALVABOND
UT3RPTG	4035361	UT3RP-TG	2267049	RADIUS PLATE 3M TRUEGALV
UT3RPSS	4036933	NA		RADIUS PLATE 3M STAINLESS STEEL
NA		UT3RP-H	2265646	RADIUS PLATE 3M HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Note: Radius plate sold in 3m lengths and are cut on site as required

Hold Down Bracket



Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
UT3HDBGB	4032085	UT3HDB-G	2265480	HOLD DOWN BRACKET GALVABOND
UT3HDBTG	4035359	UT3HDB-TG	2267048	HOLD DOWN BRACKET TRUEGALV
UT3HDBSS	4036934	NA		HOLD DOWN BRACKET STAINLESS STEEL
NA		UT3HDB-H	2265644	HOLD DOWN BRACKET HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

Centre Down Bracket



Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
NA		UTCHD-GB	2265488	CENTRE DOWN BRACKET GALVABOND
UTCHDTG	4035367	UTCHD-TG	2267051	CENTRE DOWN BRACKET TRUEGALV
UTCHDSS	4038523	NA		CENTRE DOWN BRACKET STAINLESS STEEL
NA		UTCHD-H	2265655	CENTRE DOWN BRACKET HOT DIP GALVANISED

Note: Hot Dip Galvanised available to special order in Australia. 316 Stainless Steel available to special order in New Zealand

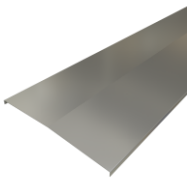
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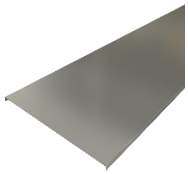
Nuts & Bolts



Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
UT940ZP	4035165	NA		NUT & BOLT - 40 PACK ZINC PLATED
UT940MG	4035166	UT940MG	2267050	NUT & BOLT - 40 PACK GALVANISED
NA		UTN10Z	2096228	BOLT M10 – ZINC PLATED
NA		UTB10Z	2095872	NUT M10 – ZINC PLATED

Covers





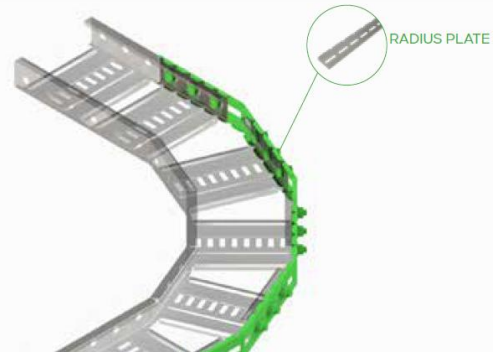
Australia		New Zealand		
Cat No	Mat No	Cat No	Mat No	Description
LEE6013GB	4008958	NA		STANDARD COVER WITH 3° PEAK FOR 150MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6033GB	4008960	NA		STANDARD COVER WITH 3° PEAK FOR 300MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6043GB	4008962	NA		STANDARD COVER WITH 3° PEAK FOR 450MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6063GB	4008964	NA		STANDARD COVER WITH 3° PEAK FOR 600MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6013TG	4008959	NA		STANDARD COVER WITH 3° PEAK FOR 150MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6033TG	4008961	NA		STANDARD COVER WITH 3° PEAK FOR 300MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6043TG	4008963	NA		STANDARD COVER WITH 3° PEAK FOR 450MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6063TG	4008965	NA		STANDARD COVER WITH 3° PEAK FOR 600MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6013FGB	4013358	CF150G UT3	2266526	FLAT COVER FOR 150MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6033FGB	4013359	CF300G UT3	2266527	FLAT COVER FOR 300MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6043FGB	4014453	CF450G UT3	2266528	FLAT COVER FOR 450MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6063FGB	4013360	CF600G UT3	2266529	FLAT COVER FOR 600MM WIDE TRAY - 3M LENGTH GALVABOND
LEE6013FTG	4039232	CF150TG UT3	2267694	FLAT COVER FOR 150MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6033FTG	4039377	CF300TG UT3	2267695	FLAT COVER FOR 300MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6043FTG	4039378	CF450TG UT3	2267696	FLAT COVER FOR 450MM WIDE TRAY - 3M LENGTH TRUEGALV
LEE6063FTG	4039267	CF600TG UT3	2267697	FLAT COVER FOR 600MM WIDE TRAY - 3M LENGTH TRUEGALV
NA		CF150-3H	2267487	FLAT COVER FOR 150MM WIDE TRAY - 3M LENGTH HOT DIP GALVANISED
NA		CF300-3H	2081922	FLAT COVER FOR 300MM WIDE TRAY - 3M LENGTH HOT DIP GALVANISED
NA		CF450-3H	2266966	FLAT COVER FOR 450MM WIDE TRAY - 3M LENGTH HOT DIP GALVANISED
NA		CF600-3H	2090884	FLAT COVER FOR 600MM WIDE TRAY - 3M LENGTH HOT DIP GALVANISED

Note: 316 Stainless steel covers available to special order

Technical Data Sheet

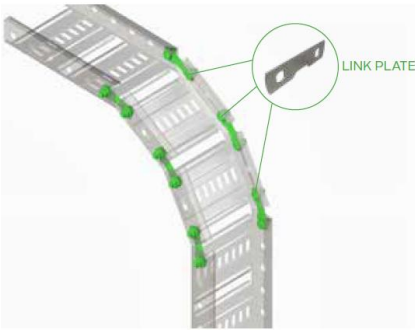
On-site Fabrication:

Bend

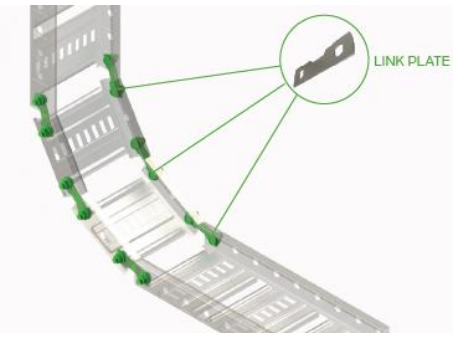


- Cut outside rails right through (3 full cuts make 90°bend).
- Form Radius Plate to suit and cut to length before fixing to tray with standard joining hardware.
- Cut inside rails at top and bottom flanges only.

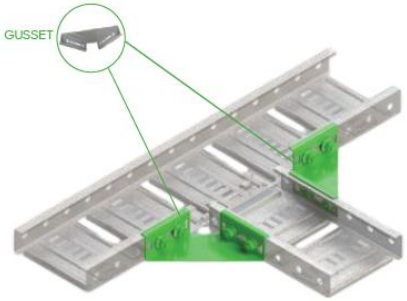
External & Internal Risers



- Cut both side rails down to top face (internal riser) or down to bottom face for external riser).
- Bend tray along bottom face and secure with link plates and joining hardware in the locations shown.
- 3 cuts in each rail make a 90°riser.



Tee or Cross



- Cut side rail to bottom in two places to suit tray width (flatten side down or cut off with snips)
- Fix 2 x Gussets to both trays using joining hardware.
- A Cross is the same procedure as above repeated on the other side.