

B27-Long Palm Bi-Metallic Lug

DATASHEET



Description

TriCab Long Palm Bi-Metallic lugs are specifically designed to directly terminate our flexible Aluminium cables without the need for copper tails.

This saves enormous installation costs and time. They are manufactured using a friction welding process, which provides optimal transition between the Aluminium barrel and Copper palm.

The long palm lugs are not pre-drilled which allows for flexibility in the hole placement for connection at terminals.

Material

- 99.6% Pure Aluminium
- 99.95% Pure Copper
- Copper Alloy Temper M to AS 1567
- Aluminium Alloy 1350 Temper to AS2848.1

Operating Temperature

- -40°C to 110°C
- -40°F to 230°F

Standard

AS/NZS 4325.1, IEC 61238-1

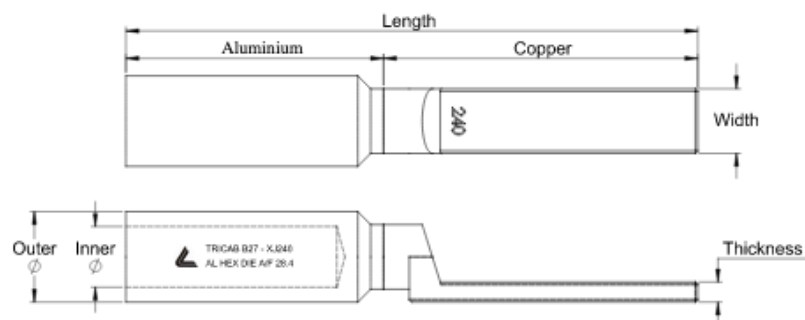
Inspection and Testing

- Visual Inspection
- Physical measurement
- Weight measurement
- Conductor fit
- Mechanical pulling test to AS/NZS 4325.1 and IEC 61238-1

Advantages

- Cost Saving.
- Narrow palm eliminates the need for Copper Tails.
- Clear markings of conductor and crimp die sizes on the barrel.
- Designed to accommodate a range of options for hole placement along the palm.

SPECIFICATION



Product Code	Conductor	Length	Inner \varnothing	Outer \varnothing	Width	Palm Length	Thickness	Crimp Die
	mm ²	mm	mm	mm	mm	mm	mm	AF
B27-ACXX/XJ16	16	144	7.5	12	14.5	100	2.8	AL 9.0
B27-ACXX/XJ25	25	144	8.5	12	14.5	100	2.8	AL 9.0
B27-ACXX/XJ35	35	166	9.5	16	16	100	3.2	AL 13.2
B27-ACXX/XJ50	50	195	10.9	20	16	100	3.5	AL 17.3
B27-ACXX/XJ70	70	215	13.5	20	16	100	4.3	AL 17.3
B27-ACXX/XJ95	95	215	14.4	20	16	100	5.6	AL 17.3
B27-ACXX/XJ120	120	219	17	22	22	100	5.5	AL 17.3
B27-ACXX/XJ150	150	207	18.5	27	22	100	5.5	AL 22.0
B27-ACXX/XJ185	185	211	21.3	27	22	100	6.8	AL 22.0
B27-ACXX/XJ240	240	217	23.5	35	25	100	7.8	AL 28.4
B27-ABXX/XJ300	300	217	26.5	35	25	100	9	AL 28.4
B27-ABXX/XJ400	400	219	31.5	47	27	110	11.2	AL 39.0
B27-ABXX/XJ500	500	221	34.5	54	32	110	11.2	AL 43.2
B27-ABXX/XJ630	630	224	39	54	38	110	12.4	AL 43.2

****TriCab is not liable for any errors, omissions, etc., and reserves the right to modify the specifications at any time.***