

Aluminum Cable Lug - DIN Standard, Tin Plated

This aluminum cable lug is designed for connecting aluminum or aluminum alloy cables to electrical equipment in medium voltage environments. It features a tin-plated surface and conforms to DIN 46329 standards.



Product Overview

High-Performance Aluminum Cable Lugs

These DIN standard aluminum lugs are engineered for secure connections of aluminum and aluminum alloy cables in medium voltage electrical equipment. Featuring a tin-plated surface for enhanced corrosion resistance and an oil-blocking structure, they ensure long-term reliability in demanding power distribution environments. Each lug is prefilled with jointing compound and clearly marked for precise crimping according to German standards.

Technical Specifications

Surface Treatment

Tin Plated

Material Composition

Aluminum (Al e 99.5%)

Compliance Standard

DIN 46329 (Germany Norm)

Application Voltage

Medium Voltage

Key Features

Product Features

- Oil blocking structure to prevent leakage
- Clear barrel markings for correct crimping location
- Prefilled with jointing compound for optimal conductivity
- Compatible with DIN standard crimping dies

Sizing & Dimensions

Type	Conductor Size (mm ²)	Dimensions				Stud Size	Pack(pcs)	Crimping Die
		L(mm)	d(mm)	D(mm)	B(mm)			
AU16-8	16	50	5.8	12	20	M8	150x8	DL12
AU16-10		50	5.8	12	20	M10		
AU25-8	25	50	6.8	12	25	M8	150x8	DL12
AU25-10		50	6.8	12	25	M10		
AU35-8	35	62	8	14	25	M8	100x8	DL14
AU35-10		62	8	14	25	M10		
AU50-10	50	62	9.8	16	25	M10	80x8	DL16
AU50-12		62	9.8	16	25	M12		
AU70-10	70	72	11.2	18.5	25	M10	50x8	DL18
AU70-12		72	11.2	18.5	25	M12		
AU95-8	95	77	13.2	22	25	M8	40x8	DL22
AU95-10		77	13.2	22	25	M10		
AU95-12	77	13.2	22	25	M12			
AU120-10	120	82	14.7	23	30	M10	60x4	DL22
AU120-12		82	14.7	23	30	M12		
AU120-16	82	14.7	23	30	M16			

Detailed dimensions and crimping die requirements for standard conductor sizes.

AU150-10	150	90	16.3	25	30	M10	40x4	DL25
AU150-12		90	16.3	25	30	M12		
AU150-16	185	90	16.3	25	30	M16	40x4	DL28
AU185-12		91	18.3	28.5	30	M12		
AU185-16	91	18.3	28.5	30	M16			
AU240-12	240	103	21	32	38	M12	25x4	DL32
AU240-16		103	21	32	38	M16		
AU300-12	300	103	23.3	34	38	M12	25x4	-
AU300-16		103	23.3	34	38	M16		
AU400-16	400	116	26	38.5	38	M16	16x4	-
AU500-16	500	122	29	44	44	M16	16x4	-

Specifications for high-capacity aluminum lugs suitable for heavy-duty power distribution.

Conductor Size Range

16 mm²

Min Conductor

500 mm²

Max Conductor

Standard Series Dimensions (16-120mm²)

Type	Conductor (mm ²)	L (mm)	Stud Size	Crimping Die
AU16-8	16	50	M8	DL12
AU25-10	25	50	M10	DL12
AU35-10	35	62	M10	DL14
AU50-12	50	62	M12	DL16
AU70-12	70	72	M12	DL18
AU95-12	95	77	M12	DL22
AU120-16	120	82	M16	DL22

Heavy Duty Series Dimensions (150-500mm²)

Type	Conductor (mm ²)	L (mm)	Stud Size
AU150-12	150	90	M12
AU185-16	185	91	M16
AU240-12	240	103	M12
AU300-16	300	103	M16
AU400-16	400	116	M16
AU500-16	500	122	M16