



AN INNOVATIVE POWER CONCEPT, FOR FLEXIBLE SINGLE CONDUCTOR ALU CABLES UP TO +565 A

ALUKAFLEX CONNECT is an innovative concept consisting of the flexible ALUKAFLEX aluminum cable and Powersafe Bi-Metal connectors. The concept benefits from the high current rating of the 1-pole connectors and the low weight of the flexible aluminum cable, so we create a safe and powerful system.

ALUKAFLEX CONNECT therefore offers solutions with aluminum cables up to 565 A systems. The concept offers clear advantages over traditional copper solutions with a weight reduction of up to 40% and a significant lower price depending on the length.

ALUKAFLEX CONNECT is long term tested at an independent third-party test center for maximum load, which provides a solution that is reliable and well tested.

YOUR BENEFITS

- ✓ Up to 40 % lower weight
- ✓ Lower price (depending on length)
- ✓ Thoroughly tested at a third-party test center
- ✓ PowerLock compatible
- ✓ Intermateable with other versions
- ✓ Quick assembling and disassembling
- ✓ Mechanically keyed to prevent mating errors
- ✓ Permanent marking to identify phase/line and safety information embossed on connector's body
- ✓ EN harmonized color coding (Europe). Also available in UK, Australia and USA color codes
- ✓ The ALUKAFLEX® cable is Dekra certified

Learn more at www.dancables.com

TYPICAL APPLICATION AREAS






Electrical Power Systems, Power distribution, Outdoor concerts and events, Outdoor broadcasting, Theatres, Mobile generators, Industrial vehicles, Railway installations, Military installations, Backup power systems, Electrical power supply companies, Heavy industry.

SPECIFICATIONS

Program	Cable length (example)	Weight kg/pc
Alukaflex Connect AL 120 mm ²	15 m	13,1 kg
	20 m	17,1 kg
	25 m	21,1 kg
	50 m	41,0 kg
Alukaflex Connect AL 150 mm ²	15 m	15,9 kg
	20 m	20,8 kg
	25 m	25,8 kg
	50 m	50,3 kg
Alukaflex Connect AL 185 mm ²	15 m	18,7 kg
	20 m	24,5 kg
	25 m	30,3 kg
	50 m	59,4 kg
Alukaflex Connect AL 240 mm ²	15 m	23,0 kg
	20 m	30,2 kg
	25 m	37,5 kg
	40 m	59,2 kg

Current rating acc. to IEC 60364-5-52

Ambient temperature	Cable Cross Section	Touching Al 90°C Alukaflex	Trefoil Al 90°C Alukaflex	Hor. spaced Al 90°C Alukaflex
				
30°C	120 mm ²	308 A	296 A	387 A
30°C	150 mm ²	358 A	343 A	448 A
30°C	185 mm ²	413 A	395 A	515 A
30°C	240 mm ²	492 A	471 A	611 A