



ROCKERFLEX®

Worldwide unique extension cable for the toughest conditions



Hardcore cable for hardcore applications

Cables under the most heavy conditions have one thing in common, they have to transmit power safely, permanently and absolutely free of interruptions. Particularly in critical applications where high mechanical stress, combined with sunlight, dirt and temperature play a major role, you need components you can rely on. Standard PVC, rubber or PUR cables withstand a tensile load of max. 20 kg - ROCKERFLEX® e.g. 3x1,5 mm² withstands up to 1,350 kg*.

*with appropriate fixing

Technical features

- Extreme resistant to mechanical stress
- Highest abrasion and cut resistance
- Vibration and shock resistant
- Super flexible, even at very low temperatures
- Extremely tear-resistant
- High elasticity
- Low weight
- Resistant to fresh, sea and process water
- Largely resistant to oils, greases and fuels
- Microbe and rot-resistant
- Largely resistant to solvents, acids and bases
- Hydrolysis-resistant, halogen-free, weather-resistant





By professionals
for professionals

Save costs, increase
MTDF significantly.
Using **ROCKERFLEX®** is an
investment for years!

ROCKERFLEX® – Exceptional in detail

Properties

- Extension cable for toughest applications from 230V/16A to 1,000V/400A
- Temperature range -50°C to 80°C (temporarily 100°C)
- Protection classes IP44 to IP67
- Schuko plug connections, Swiss plug connections, CEE, high voltage connection systems
- 3x1,5mm² - 4x300mm², other sizes on request
- Highest tensile strength. E.g. 3x1,5mm² = 1.350kg*, standard PVC-, rubber or H07RN-F cables only max. 20kg

* With the cable corresponding fixation

Desired length, connector, labeling

| Measurement | Connectors | Measurement | Connectors |
|-------------------------------|----------------------------------|-------------------------------|----------------------------------|
| ROCKERFLEX® Hardcore 3 | | ROCKERFLEX® Hardcore 3 | |
| 3x1,5 mm ² | ABL Sursum Schuko Ultra II IP 54 | 5x6 mm ² | Mennekes CEE 32A / 400V / IP 67 |
| 3x2,5 mm ² | ABL Sursum Schuko Ultra II IP 54 | 5x16 mm ² | Mennekes CEE 63A / 400V / IP 44 |
| 3x4 mm ² | ABL Sursum Schuko Ultra II IP 54 | 5x16 mm ² | Mennekes CEE 63A / 400V / IP 67 |
| 5x2,5 mm ² | Mennekes CEE 16A / 400V / IP 44 | 5x35 mm ² | Mennekes CEE 125A / 400V / IP 67 |
| 5x2,5 mm ² | Mennekes CEE 16A / 400V / IP 67 | 1x185 mm ² | |
| 5x6 mm ² | Mennekes CEE 32A / 400V / IP 44 | 1x240 mm ² | |

Cross sections up to e.g. 1x800mm² or 4x300mm² possible - please contact us.

At home in every heavy industrie application



Industry & Craft



Building construction & underground engineering



Tunnel construction



Civil engineering & road construction



Ski area & high alpine construction

ROCKERFLEX® modular system

Individual composition of your extension cable

Cable construction

| | |
|---------------------------|---|
| Structure/conductor: | Highly flexible, tin-plated copper |
| Material/insulation: | 100 % special polyurethane (PUR) |
| Colour/insulation: | According to DIN VDE 0293-308-S2 |
| Braid: | Special, highly tear-resistant synthetic fibre; 100 % coverage |
| Material/ outer material: | 100 % special polyurethane (PUR) |
| Colour/outer sheath: | Special signal yellow |
| Cable labeling: | Free cable printing of your desired text |

Electrical values

| | |
|--------------------|---|
| Operating voltage: | 0.6/1kV |
| Test voltage: | 2.000V/4.000V |
| Temperature range: | moved -50°C to +80°C fixed -60°C to +80°C moved ~6xD |
| Bending radius: | fix ~4xD |



Mining



Port Technology



Sewage & waste water
technology



Offshore & Onshore



Petrochemistry

ROCKERFLEX® – globally unique



Extension cable Schuko system 230V / 16A / protection class IP54

- Cable:** ROCKERFLEX® 3x1,5 mm² / 3x2,5 mm² / 3x4 mm²
- Plug:** ABL Sursum Schuko Ultra II with additional strain relief, protection class IP54, dust and splash waterproof
- Coupling:** ABL Sursum Schuko Ultra II with additional strain relief and voltage indicator, protection class IP54, dust and splash waterproof
- Lengths:** 5 m / 10 m / 25 m / 50 m / or as required



Extension cable CEE-System 400V / 16A-32A/protection class IP44 with PHASE INVERTER

- Cable:** ROCKERFLEX® 5x2.5 mm² / 5x6 mm²
- Plug:** Mennekes CEE plug with PHASE INVERTER and strain relief, protection class IP44, dirt and splash waterproof
- Coupling:** Mennekes CEE coupling with strain relief, protection class IP44, dirt and splash waterproof
- Lengths:** 5 m / 10 m / 25 m / 50 m / or as required



Extension cable CEE-System 400V / 16A-32A/protection class IP67 with PHASE INVERTER

- Cable:** ROCKERFLEX® 5x2.5 mm² / 5x6 mm²
- Plug:** Mennekes CEE plug with PHASE INVERTER and strain relief, protection class IP67, dust and waterproof
- Coupling:** Mennekes CEE coupling with strain relief, protection class IP67, dust and waterproof
- Lengths:** 5 m / 10 m / 25 m / 50 m / or as required

Indestructible – durable – highly flexible



Extension cable CEE-System 400V / 63A / protection class IP44

- Cable:** ROCKERFLEX® 5x16 mm²
- Plug:** Mennekes CEE plug with strain relief, protection class IP44, dirt and splash waterproof
- Coupling:** Mennekes CEE coupling with strain relief, protection class IP44, dirt and splash waterproof
- Lengths:** 5 m / 10 m / 25 m / 50 m / or as required



Extension cable CEE-System 400V / 63-125A / protection class IP67

- Cable:** ROCKERFLEX® 5x16 mm² / 5x35 mm²
- Plug:** Mennekes CEE plug with strain relief, protection class IP67, dust and waterproof
- Coupling:** Mennekes CEE coupling with strain relief, protection class IP67, dust and waterproof
- Lengths:** 5 m / 10 m / 25 m / 50 m / or as required



PowerBoard - Schuko-System 230V / 16A / protection class IP54

- Cable:** ROCKERFLEX® 3G2.5 (5 m / 10 m)
- Plug:** ABL Sursum Schuko Ultra II with additional strain relief, protection class IP54, dust and splash waterproof
- Coupling:** 4x ABL Sursum socket outlet SCHUKOplus, protection class IP54, dust and splash waterproof

The distributor is designed for a total system output of 16kW (4kW / built-in socket). All screws of the housing, the cable gland and the handles of the 4-part distributor are made of stainless steel V2AN4A. The housing is made of light, robust, highly resistant aluminium.



Cables in motion

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