

Welding cable connector system

ABIPLUG

Plug and weld! ABIPLUG – the reliable connection.

The new range of **ABIPLUG** welding cable connectors from **ABICOR BINZEL** – designed for safe and effective current transfer in arc welding technology – guarantees maximum operating safety for the equipment and the user. Available as either panel socket / cable plug combination or as panel plug / cable socket combination.

The advantages:

- Safe and quick connection – highest twist resistance due to the revolutionary “square end-block-system” by ABICOR BINZEL
- High flash-over resistance – for maximum machine protection
- Easy mounting, optimal connection and excellent power transmission
- Compatible with all commercially available makes – can be built out of metal or plastic panels
- Corresponds to EN-standard EN 60 974-12 – the new EN-standard



Technical data

Welding cable connector system

Type	Current (A)	Cable (mm ²)	Mount-Ø (mm)
*10-25	125	up to 10	20.5
*10-25	150	10–16	20.5
*10-25	200	16–25	20.5
*35-50	250	25–35	30.5
*35-50	300	35–50	30.5
*50-70	400	50–70	30.5
*70-95	500	70–95	30.5

* = **ABI-CM** / **ABI-IF** or **ABI-CF** / **ABI-IM**

ABI-CM (Cable **M**ale) = Welding cable plug

ABI-CF (Cable **F**emale) = Welding cable socket

ABI-IM (Insert **M**ale) = Panel mounted plug

ABI-IF (Insert **F**emale) = Panel mounted socket



Panel sockets

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|----------|--------------|----------|----------|
| 1 | ABI-IF 10-25 | Part-No. | 511.0304 |
| 2 | ABI-IF 35-50 | Part-No. | 511.0314 |
| 3 | ABI-IF 50-70 | Part-No. | 511.0330 |
| 4 | ABI-IF 70-95 | Part-No. | 511.0309 |

Cable plugs

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|----------|--------------|----------|----------|
| 5 | ABI-CM 10-25 | Part-No. | 511.0305 |
| 6 | ABI-CM 35-50 | Part-No. | 511.0315 |
| 7 | ABI-CM 50-70 | Part-No. | 511.0331 |
| 8 | ABI-CM 70-95 | Part-No. | 511.0342 |



Panel plugs

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|-----------|--------------|----------|----------|
| 9 | ABI-IM 10-25 | Part-No. | 511.0306 |
| 10 | ABI-IM 35-50 | Part-No. | 511.0316 |
| 11 | ABI-IM 50-70 | Part-No. | 511.0332 |
| 12 | ABI-IM 70-95 | Part-No. | 511.0320 |

Cable sockets

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|-----------|--------------|----------|----------|
| 13 | ABI-CF 10-25 | Part-No. | 511.0303 |
| 14 | ABI-CF 35-50 | Part-No. | 511.0313 |
| 15 | ABI-CF 50-70 | Part-No. | 511.0329 |
| 16 | ABI-CF 70-95 | Part-No. | 511.0340 |

