



HIGH POWER CONNECTORS UP TO 10 AMPS

—
DESIGNED TO MEET
NETT WARRIOR
STANDARDS



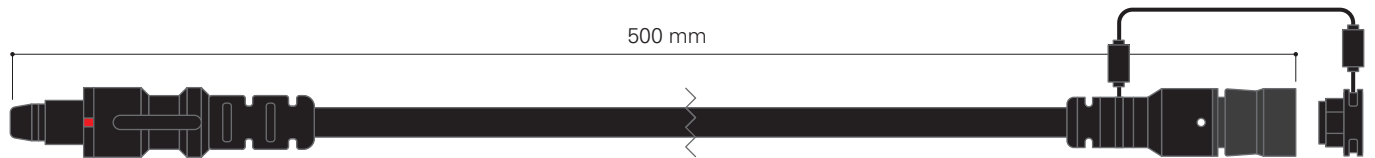
FISCHER ULTIMATE™ SERIES
FISCHER ULTIMATE™ 80



ULTIMATE 80 / MINIMAX Cable Assembly

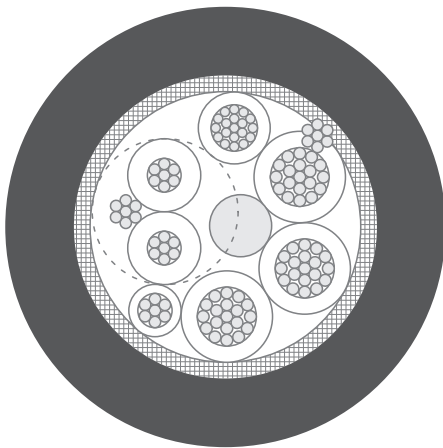
CABLE ASSEMBLY - CA D 6xLV MP06Q0304AN1/UP81 PUR BK 0.5m (Part number 141967)

Connectors assembled to perform up to 2 x 8 A + 4 x 1 A current rating*



ULTIMATE 80 6 contacts
with enhanced contact alloy

MINIMAX Size 06 Plug 7 contacts (3+4)
with protective soft caps



SHIELDED BLACK CABLE WITH AWG 22 WIRES:

- Tinned copper conductors: 3 x AWG22, 1 x AWG24, 1 x (2 x AWG28) with aluminum screen, 1 x AWG28 and tinned copper shield
- Working voltage: 300 V
- Working temperature: -50 °C to +90 °C
- Overall diameter, nominal 5.40 mm (± 0.20 mm)
- Recommended bending radius: 27 mm static / 54 mm dynamic
- Breaking strength 1400 N
- PUR halogen free, flame-retardant outer sheath, nominal thickness 0.55 mm, color Black matt RAL 9005 (TAN option available)

CONNECTORS ELECTRICAL DATA



ULTIMATE 80 6 contacts (enhanced contact alloy)



MINIMAX Size 06 7 contacts (3+4)

Pin Layout	Numbers of Contacts	Contact diameter	Current* [A]
	6	0.7 mm	2 x 9.3 A + 2 x 1.5 A + 2 x 0.02 A Alternative application: 2 x 10 A

Pin Layout	Numbers of Contacts	Contact diameter	Current* [A]
	4	0.5 mm	3 x 7 A + 2 x 1.5 A + 2 x 0.02 A
	3	0.7 mm	Alternative application: 2 x 8 A + 4 x 1 A

* according to IEC 60512-5-2-5b, alternative electrical configurations dependent on systems and applications.

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