

TECHNICAL DATA SHEET**1. Identification of the product and of the company/undertaking****Product identifier**

MIA6512311	Cable (Shielded) 10m for AIROS
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Details of the supplier:

Company: Mirka Ltd
Address: Pensalavägen 210
FI-66850 Jeppo, Finland
Phone: +358 20 760 2111
National contact: sales@mirka.com

2. Product description

10 meter Shielded Cable for Mirka® AIROS Robotic sanders and polishers. Contact is peeled and assembled according to Pheonix Contact's instructions for ST-8ES1N8A8K04S.

3. Electrical

Voltage rating	300 Vrms
Voltage test (1.00mm ²)	3000V x 1min.
Voltage test (0.25mm ²)	2000V x 1min.
Max electric resistance (1.00mm ²)	20.4 Ω/Km (IEC 60228)
Max electric resistance (0.25mm ²)	83.1 Ω/Km (IEC 60228)

4. Temperature

Temperature range (fixed)	-40°C to +80°C
Temperature range (flex)	-25°C to +80°C (free motion without periodic recurrence and forced guidance)

5. Chemical

Oil resistance	yes (UL758)
Free of FCKW, Silicone and Pb	yes
Hydraulic fluids, coolant emulsifier, alkali	resistant to a large extent
Microbe resistant	yes
Halogen free	yes (CEI EN 60754-1 / VDE 0482-754-1)





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6. Physical

UV resistant	yes (UL1581/2556)
Hydrolysis resistant	yes (EN50396)
Min. Bending radius (fixed)	75 mm
Min. Bending radius (flex)	100 mm

7. Flame

UL Cable Flame Test	pass
CSA FT1	pass
IEC 60332-1	pass

