

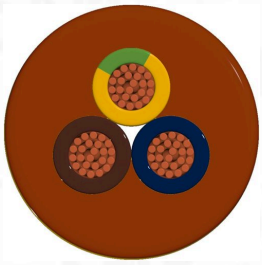

# PART NO. 746000UNJ

SIMH Silicone Cable, 6.00 mm²

CAMCOM™

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Outer Jacket

### STANDARDS

| | |
|---|---|
| Smoke Density Test | : IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2, BS EN 61034-2 |
| Corrosive Gas Test | : IEC 60754-2, VDE 0482-754-2, EN 60754-2, BS EN 60754-2 |
| Halogen-free Test | : IEC 60754-1, VDE 0482-754-1, EN 60754-1, BS EN 60754-1 |
| Flame Retardancy Test | : IEC 60332-1-2, VDE 0482-332-1-2, EN 60332-1-2, BS EN 60332-1-2 |
| Flame Propagation Test | : IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-3-24, BS EN 60332-3-24 |
| Fire Resistance Test (FE180) | : IEC 60331-21 |

### TECHNICAL DATA

| | |
|---|---|
| Conductor Diameter | : 6.00 mm² |
| Conductor Resistance Ω/km (20 °C) | : 3.3 |
| Operating Voltage V DC | : 300/500 |
| Test Voltage (@ 1 minute) V DC | : 2000 |

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295) |
| Insulation | : Silicone compound EI2 (VDE 0293; HD 308 S2) |
| Stranding | : In layers |
| Outer Jacket | : Silicone compound (EN 50363-2-1 EM9) |

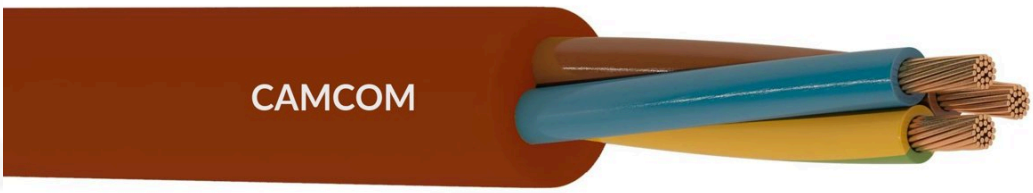
### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 8xD mm |
| Temperature Range Operating | : -60°C ~ +180°C |

### CABLE TYPE DATA

| CAMCOM Part No. | Conductor Size / Type |
|---|---|
| 746000UNJ | 6.00 mm² |

### PRODUCT VIEW




**Camcom** is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
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Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

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