

# PART NO. 538100UN

(N)HXH-J 0.6/1kV FE180 E90 Fire Resistant Cable, 10.00 mm²

## Detailed Specifications & Technical Data

### CROSS SECTION



1 Conductor
2 Wrapping
3 Insulation
4 Stranding
5 Filling
6 Outer Jacket

### STANDARDS

| | |
|---|---|
| Circuit Integrity Test (FE180) | : IEC 60331-21 |
| Cable System Circuit Integrity Test (E30 / E60 / E90) | : DIN 4102-12 |

### TECHNICAL DATA

| | |
|---|---|
| Cross Section | : 10.00 mm² |
| Conductor Resistance Ω/km (20 °C) | : 1.83 |
| Operating Voltage V DC | : 600/1000 |
| Test Voltage (@ 1 minute) V | : 4000 |

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228). |
| Wrapping | : Each conductor wrapped with mica tape. |
| Insulation | : Wrapped conductors insulated with VDE 0266 HXI1 Cross-linked HFFR compound. |
| Stranding | : Insulations are stranded into layers. |
| Filling | : Halogen-free compund. |
| Outer Jacket | : UV resistant halogen-free outer jacket. RAL 2008 (Orange) |

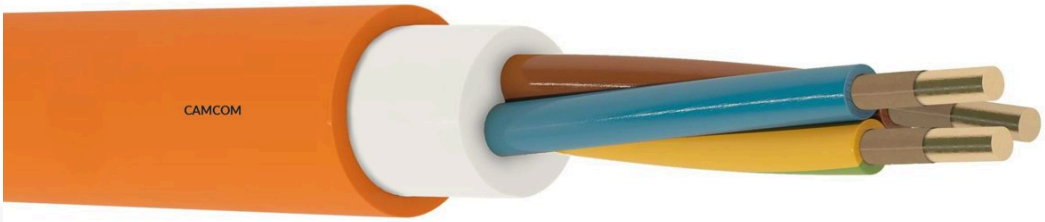
### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Bending Radius | : 10xD mm |
| Temperature Range Operating | : -40°C ~ +90°C |

### CABLE TYPE DATA

| CAMCOM Part No. | Conductor Size / Type |
|---|---|
| 538100UN | 10.00 mm² |

### PRODUCT VIEW

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Disclamer :- Datasheet is subject to modification without prior notication

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