

PART NO. 534003BS

LIHCH FE180 PH120 Fire Resistant Cable, 3 x 4 mm²

CAMCOM™

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: Stranded electrolytic copper conductor (Class 5) (IEC 60228, EN 60228, DIN VDE 0295)
Insulation	: Cross-linked polymer compound in ceramic form (DIN 47100)
Stranding	: In layers
Wrapping	: Polyester tape, glass yarn tape
Screen	: Tinned copper braiding
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 2008 (Orange)

MECHANICAL CHARACTERISTICS

Bending Radius	: 10xD mm
Temperature Range Operating	: -40°C ~ +70°C

STANDARDS

Circuit Integrity Test (FE180)	: IEC 60331-21
Circuit Integrity with Shock Test (PH120)	: EN 50200, VDE 0482-200, BS EN 50200

TECHNICAL DATA

Conductor Diameter	Conductor Resistance Ω/km (20 °C)	Insulation Resistance (@500V DC) MΩ/km	Mutual Capacitance nF/km	Operating Voltage V DC	Test Voltage (@ 1 minute) V DC
0.50 mm²	39.0	100	100	300	2000
0.75 mm²	26.0	100	100	300	2000
1.00 mm²	19.5	100	100	300	2000
1.50 mm²	13.3	100	100	300	2000
2.50 mm²	8.0	100	100	300	2000

CABLE TYPE DATA

CAMCOM Part No.	ConductorCount	Conductor Diameter (mm²)	Approx. Cable Diameter(mm)	Copper Weight(kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
534003BS	3	4	10	119	181	100/500/1000

PRODUCT VIEW



Camcom is proud to be certified by

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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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