

PART NO. 532550BSA

LIHCHSWAH-TP FE180 PH120 Fire Resistant Cable, 2.50 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 Inner Jacket
7 Armor
8 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	: Insulations are stranded into pairs, four pairs are stranded together into groups, groups are stranded in layers.
Wrapping	: Polyester tape, glass yarn tape
Screen	: Tinned copper braiding
Inner Jacket	: UV resistant halogen-free inner jacket.
Armor	: Galvanized steel wire armor
Outer Jacket	: UV resistant halogen-free outer jacket.

TECHNICAL DATA

Conductor Diameter	: 2.50 mm²
Conductor Resistance Ω/km (20 °C)	: 8.0
Insulation Resistance (@500V DC) MΩ/km	: 100
Mutual Capacitance nF/km	: 100
Operating Voltage V DC	: 300
Test Voltage (@ 1 minute) V DC	: 2000

STANDARDS

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

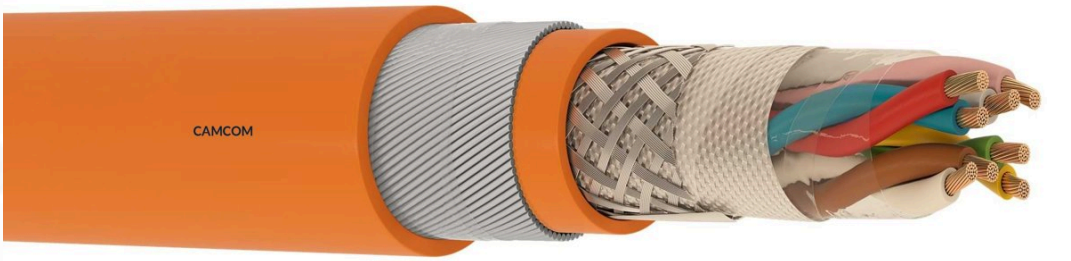
MECHANICAL CHARACTERISTICS

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

CABLE TYPE DATA

CAMCOM Part No.	Conductor Size / Type
532550BSA	2.50 mm²

PRODUCT VIEW



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Disclamer :- Datasheet is subject to modification without prior notication

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