

PART NO. 531050ISL

RE-2X(St)HSWBH-PiMF&TiMF FE180 Fire Resistant Cable, 1.00 mm²

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Seperator
5 Outer Jacket

CABLE CONSTRUCTION

Conductor	: Electrolytic solid copper conductor
Insulation	: Solid polyethylene insulation
Stranding	: Insulations are stranded into pairs
Seperator	: Pairs are stranded together with star shaped separator
Outer Jacket	: UV resistant halogen-free outer jacket

MECHANICAL CHARACTERISTICS

Bending Radius	: 10xD mm
Temperature Range Operating	: -30°C ~ +90°C

TECHNICAL DATA

Conductor Diameter	: 1.00 mm²
Conductor Resistance Ω/km (20 °C)	: 18.1
Insulation Resistance (@500V DC) MΩ/km	: Min. 1000
Mutual Capacitance nF/km	: Max. 250
Operating Voltage V DC	: 300
Test Voltage (@ 1 minute) V DC	: 2000

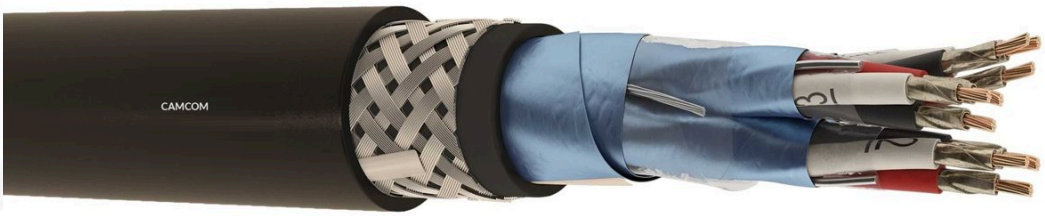
STANDARDS

Smoke Density Test	: IEC 61034-2, VDE 0482-1034-2, BS EN 61034-2
Corrosive Gas Test	: IEC 60754-2, VDE 0482-267-2-3, BS EN 50267-2-3
Halogen-free Test	: IEC 60754-1, VDE 0482-267-2-1, BS EN 50267-2-1
Flame Propagation Test	: IEC 60332-3-24, VDE 0482-332-3-24, EN 60332-2-24
Flame Retardancy Test	: IEC 60332-1-2, VDE 0482-332-1-2, BS EN 60332-1-2
Fire Resistance Test (FE180)	: IEC 60331-21

CABLE TYPE DATA

CAMCOM Part No.	Conductor Size / Type
531050ISL	1.00 mm²

PRODUCT VIEW



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Disclamer :- Datasheet is subject to modification without prior notication

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