

PART NO. 539500FS

J-H(St)H FE180 PH120 Fire Resistant Cable, 0.50 mm

CAMCOM™

Detailed Specifications & Technical Data

CROSS SECTION



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

CABLE CONSTRUCTION

Conductor	: Class 1 electrolytic solid copper (IEC 60228, DIN VDE 0295, EN 60228)
Insulation	: Cross-linked polymer compound in ceramic form
Stranding	: In layers up to 10 pairs, 20 pairs to 100 pairs consist of stranding of 10 pair groups wrapped with polypropylene identification tape
Wrapping	: A non-hygroscopic and dielectric polyester tape is applied on the cable core longitudinally or helically. (More than 10 pairs)
Fire Barrier	: Glass yarn tape
Screen	: Tinned copper earthing wire, Al/PET tape
Outer Jacket	: UV resistant halogen-free outer jacket.

TECHNICAL DATA

Conductor Diameter	: 0.50 mm
Conductor Resistance Ω/km (20 °C)	: 93.0
Insulation Resistance (@500V DC) MΩ/km	: 100
Operating Voltage V DC	: 250
Test Voltage (@ 1 minute) V DC	: 1000

STANDARDS

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

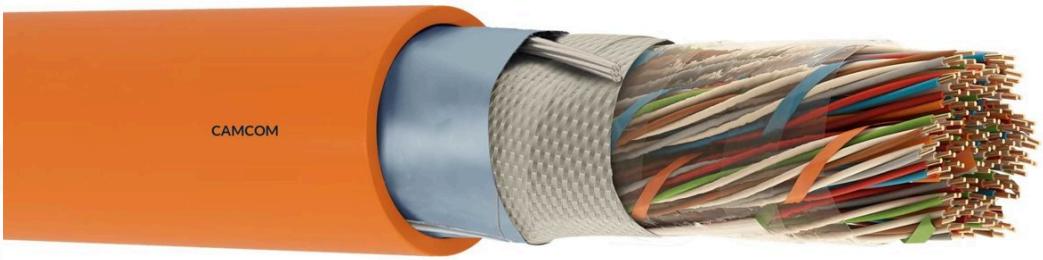
MECHANICAL CHARACTERISTICS

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

CABLE TYPE DATA

CAMCOM Part No.	Conductor Size / Type
539500FS	0.50 mm

PRODUCT VIEW



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Disclaimer :- Datasheet is subject to modification without prior notication

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