

PART NO. 539858FSD

JE-H(St)H...Bd FE180 / E30-E60-E90 / PH120 Fire Resistant Cable, 8 x 2 x 0.8 mm

Detailed Specifications & Technical Data

CROSS SECTION



1 Conductor
2 Insulation
3 Stranding
4 Wrapping
5 Screen
6 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 (VDE 0815)
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 earthing wire, Al/PET tape
Outer Jacket	: UV resistant halogen-free outer jacket. RAL 2008 (Orange)

TECHNICAL DATA

Conductor Diameter	: 0.80 mm
Conductor Resistance Ω/km (20 °C)	: 73.2
Insulation Resistance (@500V DC) MΩ/km	: 100
Mutual Capacitance nF/km	: 100
Operating Voltage V DC	: 300
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
Cable System Circuit Integrity Test (E30 / E60 / E90)	: DIN 4102-12 E30 / E60 / E90

MECHANICAL CHARACTERISTICS

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

CABLE TYPE DATA

CAMCOM Part No.	Pair Count	Conductor Diameter (mm)	Approx. Cable Diameter (mm)	Copper Weight (kg/km)	Approx. Weight (kg/km)	Packing Lengths (m)
539858FSD	8	0.8	12.3	81	178	100/500/1000

PRODUCT VIEW



Camcom is proud to be certified by

Frame Offices - HQ, Alexanderveld 5-9,
2585 DB, Den Haag, Netherlands
+31708910864
sales@camcom.co.nl

Designed in Netherlands & Produced Globally.

Prepared By : Steve Smith

Disclamer :- Datasheet is subject to modification without prior notication

© Technovation Alliance Enterprise B.V.