Technical Document

Alternative to Belden 9538 8core 24awg LSF Grey





Part Number: 429538E

Description: Alternative to Belden 9538 8core 24awg Overall Foil Screened, LSF Grey Jacket

Product Construction

Alternative to Belden 9538

Tinned Copper Conductor Material Conductor Stranding 24awg; 7/0.20mm **Insulation Material** Polyvinyl Chloride (PVC)

Number of Pairs

Core Colours Black, White, Red, Green

Brown, Blue, Orange, Yellow

Screening 1 Overall Aluminium Foil

Screening 1 Coverage

Drain Wire Tinned Copper, 24awg Stranded

Sheath Material Low Smoke & Fume (LSF)

Sheath Colour Grey

Mechanical Characteristics

Overall Diameter 5.8mm ± 0.20mm -20°C to +70°C **Temperature Range** Fixed 0°C to +70°C Flexing

Bend Radius 15 x Overall Diameter

Weight 47 kg/km

Electrical Characteristics

Inner Conductor DC Resistance ≤ 104.2 Ω/km @ 20°C

Insulation Resistance >200 MΩ*M 108 pF/m ± 20 Capacitance Core to Core

Core to Screen 213 pF/m ± 35

Voltage Rating 300V

Certifications & Standards

BS EN 60332-1-2 Flame Retardancy

RoHS 3 Compliant Yes **REACH Compliant** Yes

UKCA CPR Classification Eca to BS EN 50575:2014+A1:2016

5 œ S 0 Independently Verified

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