

Technical Document
Alternative to Belden 9538
8core 24awg LSF Grey

webro

Part Number: 429538E

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



Product Construction

Alternative to Belden	:	9538
Conductor Material	:	Tinned Copper
Conductor Stranding	:	24awg; 7/0.20mm
Insulation Material	:	Polyvinyl Chloride (PVC)
Number of Cores	:	
Core Colours	:	Black, White, Red, Green Brown, Blue, Orange, Yellow
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Sheath Material	:	Low Smoke & Fume (LSF)
Sheath Colour	:	Grey



Mechanical Characteristics

Overall Diameter	:	5.8mm ± 0.20mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	47 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 104.2 Ω/km
Capacitance	Core to Core	108 pF/m ± 20
	Core to Screen	213 pF/m ± 35
Insulation Resistance @ 20°C	:	≥ 200 M Ω *M
Voltage Rating	:	300V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
Suitable Protocol	:	RS 232
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
CE CPR Classification	:	Eca to EN 50575:2014+A1:2016

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