

Technical Document  
Alternative to Belden 9504  
4pair 24awg LSF Grey

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Part Number: 429504E

Description: Alternative to Belden 9504 4pair  
24awg Overall Foil Screened LSF Grey



**Product Construction**

Alternative to Belden	:	9504
Conductor Material	:	Tinned Copper
Conductor Stranding	:	24awg; 7/0.20mm
Insulation Material	:	Low Smoke & Fume (LSF)
Number of Pairs	:	4
Core Colours	:	Black/Red, Black/White, Black/Green, Black/Blue
Drain Wire	:	Tinned Copper, 24awg Stranded
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Sheath Material	:	Low Smoke & Fume (LSF)
Sheath Colour	:	Grey



**Mechanical Characteristics**

Overall Diameter	:	6.7mm ± 0.20mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	48 kg/km

**Electrical Characteristics**

Conductor DC Resistance @20°C	:	≤ 97.0 Ω/km
Capacitance	Core to Core	131 pF/m ± 20
	Core to Screen	243 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
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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