

Technical Document
Alternative to Belden 9402
2pair 20awg LSF Grey

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Part Number: 429402E

Description: Alternative to Belden 9402 2pair
20awg Individual Foil Screened Pairs LSF Grey



Product Construction

Alternative to Belden	:	9402
Conductor Material	:	Tinned Copper
Conductor Stranding	:	20awg; 7/0.30mm
Insulation Material	:	Polyvinyl Chloride (PVC)
Number of Pairs	:	2
Core Colours	:	Black/Red, Green/White
Screening 1	:	Aluminium Foil Around Each Pair
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Sheath Material	:	Low Smoke & Fume (LSF)
Sheath Colour	:	Grey



Mechanical Characteristics

Overall Diameter	:	7.7mm ± 0.20mm
Temperature Range	Fixed	-10°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	73 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 39.6 Ω/km
Capacitance	Core to Core	180 pF/m ± 15
	Core to Screen	312 pF/m ± 25
Insulation Resistance @ 20°C	:	≥ 200 MΩ *M
Voltage Rating	:	300V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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Publication Date: 19/06/2023
Revision Number: 2.0
Written by: GB
Authorised by: GB

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