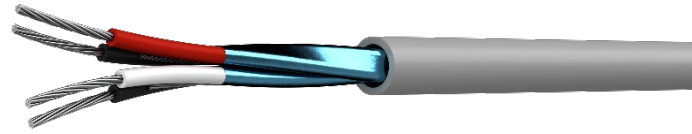


Technical Document
Alternative to Belden 9729
2pair 24awg LSF Grey

webro

Part Number: 429729E

Description: Alternative to Belden 9729 2pair
24awg Individual Foil Screened Pairs LSF Grey



Product Construction

Alternative to Belden	:	9729
Conductor Material	:	Tinned Copper, Stranded
Conductor Stranding	:	24awg, 7/0.20mm
Insulation Material	:	Foamed Polyethylene (FPE)
Number of Pairs	:	2
Core Colours	:	Blue/Red, Black/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	:	6.7mm ± 0.20mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	52 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 90.9 Ω/km
Capacitance	Core to Core	41 pF/m ± 15
	Core to Screen	76 pF/m ± 25
Impedance	:	120 Ω ± 15
Insulation Resistance @ 20°C	:	≥ 200 MΩ*M
Voltage Rating	:	300V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
Suitable Protocol	:	RS 232 & 422
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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Publication Date: 28/05/2024
Revision Number: 2.0
Written by: GB
Authorised by: GB

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