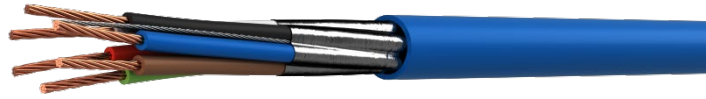


Technical Document
Alternative to Belden 5304FE
6core 18awg LSNH Blue

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Part Number: 425304FEE-LSNH

Description: Alternative to Belden 5304FE 6core
18awg Overall Foil Screened LSNH Blue



Product Construction

Alternative to Belden	:	5304FE
Alternative to Honeywell	:	3216
Conductor Material	:	Bare Copper, Stranded
Conductor Stranding	:	18awg, 7/0.40mm
Insulation Material	:	Polypropylene (PP)
Number of Cores	:	6
Core Colours	:	Black, White, Red, Green, Brown, Blue
Screening 1	:	Overall Aluminium Foil
Screening 1 Coverage	:	>100%
Drain Wire	:	Tinned Copper, 24awg Stranded
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Blue



Mechanical Characteristics

Overall Diameter	:	6.0mm ± 0.20mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	15 x Overall Diameter
Weight	:	64 kg/km

Electrical Characteristics

Conductor DC Resistance @20°C	:	≤ 21.9 Ω/km
Capacitance	Core to Core	80 pF/m ± 15
	Core to Screen	145 pF/m ± 25
Impedance	:	120 Ω ± 15
Insulation Resistance @ 20°C	:	≥ 2000 MΩ.KM
Voltage Rating	:	300/500V

Certifications & Standards

Flame Retardancy	:	BS EN 60332-1-2
Low Smoke	:	BS EN 61034-2
Halogen Gas	:	BS EN 60754-1&2
RoHS 3 Compliant	:	Yes
REACH Compliant	:	Yes
UKCA CPR Classification	:	Eca to BS EN 50575:2014+A1:2016

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