

Technical Document
WEB TPFS 1pair 24awg AES/EBU Digital Cable
Twisted Pair Foil Screened LSNH Black

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Part Number: 390101E-LSNH

Description: WEB TPFS 1pair 24awg AES/EBU
Digital Cable Twisted Pair Foil Screened, LSNH Black



Product Construction

Conductor Material	:	Tinned Copper
Conductor Stranding	:	24awg, 7/0.20mm
Insulation Material	:	Foamed Polyethylene (FPE)
Number of Pairs	:	1
Core Colours	:	Red, Black
Drain Wire	:	Tinned Copper, 24awg Stranded
Screening 1	:	Overall Bonded Aluminium Foil
Screening 1 Coverage	:	>100%
Sheath Material	:	Low Smoke Non-Halogen (LSNH)
Sheath Colour	:	Black



Mechanical Characteristics

Overall Diameter	:	4.0mm ± 0.20mm
Temperature Range	Fixed	-20°C to +70°C
	Flexing	0°C to +70°C
Bend Radius	:	10 x Overall Diameter
Weight	:	22 kg/km

Electrical Characteristics

Inner Conductor DC Resistance	:	≤ 86.2 Ω/km
Capacitance, Data	Core to Core	45 pF/m ± 20
	Core to Screen	86 pF/m ± 25
Impedance	:	100 Ω ± 30
Insulation Resistance @ 20°C	:	≥ 200 M Ω*M
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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