

Draka UC Connectivity

Draka Cat6a Solid Core Harness Patch Lead F/FTP B2ca LSHF-FR - Screened - Bladed Boot – Blue



Overview

- Plastic Free Eco-Packaging
- Category 6a (Class Ea) 10 Gigabit Ethernet
- Solid Core Cable Construction
- Suitable for POE+ applications IEEE 802.3bt Type 4 4PPoE
- For switch/harness links and CP cables
- Choice of lengths available
- 3rd Party Verification



Product Description

Draka Cat6a F/FTP B2ca pre-terminated harness/switch leads are manufactured using Draka 60096426 Cat6a F/FTP B2ca (Horizontal cable) to provide optimum performance from your Cat6a cabling system. Each assembly enables the construction of two harness/switch or CP leads, which are used for applications such as server to switch, switch to switch out-of-rack and consolidation point to terminal outlet connections. The use of the same cable construction as the horizontal cabling within the channel, assures link performance and does reduce the stranded patch cord standards allowance.

Product Specification

Cable Type	F/FTP
Category	Cat6a
Connector Types	RJ45 8(8)

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Termination Coding	TIA 568-B
RJ45 Contact	50u" gold plating
Plug Housing	Screened / UL94V-0 rated clear polycarbonate
Plug Boot	Slimline bladed / Snag less / Black
Conductor Material / Size	23 AWG Solid Core
Insulation Material	Foamskin PE, Ø 1.35 mm
Overall Screen	Al-laminated plastic foil, drain wire AWG26 tinned
Pair Screen	Al-laminated plastic foil, drain wire AWG26 tinned
Jacket Material	LSHF-FR B2ca s1a d1 a1
Jacket Colour	Blue – RAL5024
Nominal Diameter	7.5mm
Operating Temperature Range	-20°C to 60°C
Installation Temperature Range	0°C to 50°C

Standards Complied

ISO/IEC 11801-1:2017 (Ed 1.0)	Information technology - Generic cabling for customer premises: Part 1 General Requirements.
ISO/IEC 11801-2: 2017 (Ed. 1.0)	Information technology — Generic cabling for customer premises — Part 2: Office premises.
EN 50173-1:2020 (Ed 1.0)	Information technology. Generic cabling systems - General requirements.
EN 50173-2:2020 (Ed 1.0)	Information technology. Generic cabling systems - Office Premises.
TIA-568.2-D: 2020	Balanced Twisted-Pair Telecommunications Cabling and Components Standards.
IEC 61156-5:2020	Multicore and symmetrical pair/quad cables for digital communications. Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz. Horizontal floor wiring. Sectional specification.

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BS EN 50288-10-1:2012	Multi-element metallic cables used in analogue and digital communication and control. Sectional specification for screened cables characterized up to 500 MHz. Horizontal floor and building backbone cables
BS EN 50399:2011+A1:2016	Common test methods for cables under fire conditions. Heat release and smoke production measurement on cables during flame spread test. Test apparatus, procedures, results
IEC 60332-1-2:2004	Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame.
IEC 60332-3-24:2018	Tests on electric and optical fibre cables under fire conditions. Test for vertical flame spread of vertically-mounted bunched wires or cables. Category C
IEC 60754-2:2011	Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity
IEC 61034-2:2005+A1:2013	Measurement of smoke density of cables burning under defined conditions – Part 2: Test procedure and requirements.
PoE IEEE 802.3af / 802.3at / 802.3bt	Type 1 (15.4 Watts) / Type 2 (30 Watts) / Type 3 (60 Watts) / Type 4 (90 Watts)
RoHS	Restriction of Hazardous Substances Directive 2011/65/EU & 2015/863/EU

Product Ordering Information

Draka Part Numbers	Description
YHCBP03426	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 5m - Eco-packaging
YHCBP03427	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 10m - Eco-packaging
YHCBP03428	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 15m - Eco-packaging
YHCBP03429	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 20m - Eco-packaging
YHCBP03430	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 25m - Eco-packaging
YHCBP03431	Cat6a F/FTP B2ca Harness Patch Lead - Solid Core - Blue 30m - Eco-packaging

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