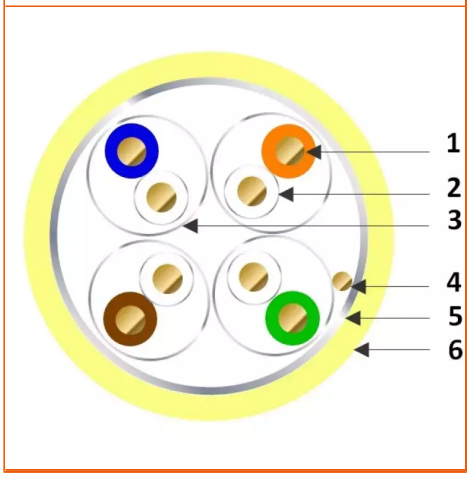
Home networking cable Grade 3 – F/FTP - LSZH Dca

AGINODE F/FTP GR3 LSZH DCA 4P D500 IV





Aginode Ref: 10227665
EAN: 3427630095317

- Complies to Grade 3 standard requirements (UTE C 93-531-14)
- Guaranteed performance up to 900MHz
- Supports Gigabit Ethernet
- Suitable for CATV and cable sharing applications
- Pimf and general screening for EMC performances
- Compact design for minimum volume in ducts or trails
- Ivory printed LSZH sheath
- RoHS EC Directive compliant
- European Reach regulation compliant
- Compatible with N'ROLL

Application

Aginode Grade 3 cables are the high end 900MHz offering from Aginode. Manufactured in accordance with UTE C93-531-14 requirements, this cable is the best choice to support all multimedia applications like Fast Ethernet, Gigabit Ethernet, Voice, Data, CATV,... This cable is prescribe for the new construction since July 2003 in accordance with the standard NFC 5-100 and UTE C 90-483.

Construction

- **Conductor:** Solid bare copper
- **Insulation:** Polyethylen (EN 50290-2-23) - Two insulated conductors twisted to a pair
- **Screen:** ALU/PET foil on each pair. Alu outside - 4 pairs laid up together
- **Tinned copper drain wire**
- **Screen:** ALU/PET foil - Alu inside
- **Outer sheath:** LSZH (EN 50290-2-27)

Environment

Designed to reduce the environmental impact, Aginode cables are compliant with RoHS 2011/65 Directive and European

All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.

Reach 1907/2006/EC regulation. The outer sheath of the cable is made of halogen free material (IEC 60754-1 / EN 50267-2-1), with limited fumes emissions (IEC 61034-1/2 / EN 50268-1/2) and no acid gaz emission in case of fire (IEC 60754-2 / EN 50267-2-2).
Aginode measure the environmental impact of each cable. Upon request the PEP Ecopassport or the Eco Material Declaration could be available.

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Eigenschaften

Konstruktionsmerkmale	
Beidraht	Ja
Halogenfrei	Ja
Einzeln geschirmt	Aluminium / Polyester tape
Außenmantel	LSZH
Mantelfarbe	Ivory
Kabeltype	F/FTP
Abmessungsmerkmale	
Nettogewicht ca.	60 kg/km
Abmessung (AWG)	23
Durchmesser über Isolierung	1.45 mm
Außendurchmesser, nom.	7.5 mm
Anzahl Paare	4
Elektrische Eigenschaften	
Wellenwiderstand	100 Ohm
Max. Gleichstromwiderstand des Leiters bei 20° C	70 Ohm/km
Betriebskapazität	56 nF/km
Übertragungseigenschaften	
Ausbreitungsgeschwingigkeit	78 %
Phasenlaufzeit, max. 100 MHz	535 ns/100m
Anwendungsmerkmale	
Umgebungstemperatur bei Verlegung, Bereich	0...50 °C
Einsatzbereich	Domestic installations
Flammwidrig	NFC 32070 C2
Biegeradius während Verlegung	60 mm
Mindestbiegeradius bei statischem Einsatz	30 mm
Betriebstemperatur	-20...60 °C
Verpackung	Trommel 500m

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Rauchdichte	Ja

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