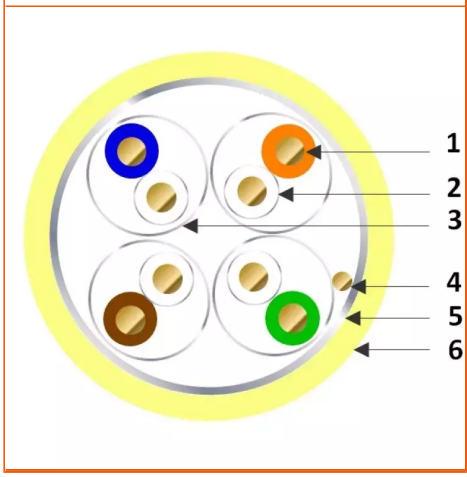
Home networking cable Grade 3 – F/FTP - LSZH Dca

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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Characteristics

Construction characteristics	
Drain wire	Yes
Halogen free	Yes
Individual screen	Aluminium / Polyester tape
Outer sheath	LSZH
Sheath colour	Ivory
Type of cable	F/FTP
Dimensional characteristics	
Approximate weight	60 kg/km
Conductor cross-section (AWG/KCMIL)	23
Diameter over insulation	1.45 mm
Nominal outer diameter (mm)	7.5 mm
Number of pairs	4
Electrical characteristics	
Characteristic impedance	100 Ohm
Max. DC resistance of the conductor at 20°C	70 Ohm/km
Mutual capacitance	56 nF/km
Transmission characteristics	
Nominal Velocity of Propagation (NVP)	78 %
Propagation delay, max. 100 MHz	535 ns/100m
Usage characteristics	
Ambient installation temperature, range	0...50 °C
Field of application	Domestic installations
Flame retardant	NFC 32070 C2
Laying operation bending radius	60 mm
Minimum static operating bending radius	30 mm
Operating temperature, range	-20...60 °C
Packaging	Drum 500 m

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Smoke density	Yes

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