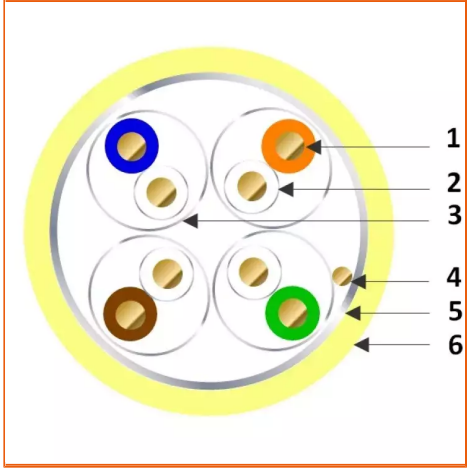
Home networking cable Grade 3 – F/FTP - LSZH Dca





- 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

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 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

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.

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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CARACTÉRISTIQUES

Caractéristiques de construction	
Fil de continuité	Oui
Ecran individuel	Ruban Aluminium / Polyester
Gaine extérieure	Faible dégagement de fumée et sans halogène
Couleur de la gaine	Ivoire
Type de câble	F/FTP
Caractéristiques dimensionnelles	
Masse approximative	60 kg/km
Section AWG du conducteur	AWG 23
Diamètre sur isolation	1.45 mm
Diamètre externe nominal (mm)	7.5 mm
Nombre de paires	4
Caractéristiques électriques	
Impédance caractéristique	100 Ohm
Résistance ohmique max. du conducteur à 20°C	70 Ohm/km
Capacité effective	56 nF/km
Caractéristiques de transmission	
Vitesse de propagation	78 %
Retard de propagation maximal à 100 MHz	535 ns/100m
Caractéristiques d'utilisation	
Température ambiante lors de l'installation, plage	0...50 °C
Application	Domestic installations
Non propagateur de la flamme	NFC 32070 C2
Rayon de courbure en cours de pose	60 mm
Rayon de courbure minimum en utilisation statique	30 mm
Température ambiante d'utilisation, plage	-20...60 °C
Conditionnement	Touret de 500m
Densité de fumée dégagée	Oui

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Product list

	Aginode ref.	Country ref.	Name	Type de câble	Conditionnement
	10227665	-	AGINODE F/FTP GR3 LSZH Dca 4P D500 IV	F/FTP	Touret de 500m

= Make to order, = In Stock

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