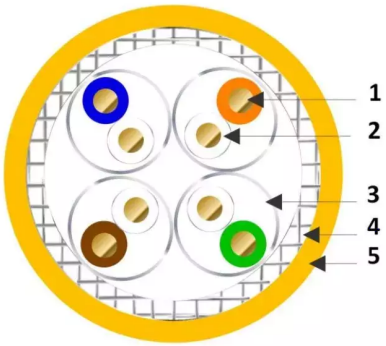
Cat.7 800 S/FTP LSZH Dca

- Complies to latest Cat 7 standard version
- Supports Class F applications
- Cable tested up to 800 MHz
- Flame retardant according to EN50575:2014+A1:2016 and IEC 60332-1
- Individual foiled pairs with global screen for EMC performance
- Compatible POE, POE+ and UPOE
- RoHS EC Directive compliant
- Compliant with European Reach regulation





Application

S/FTP Category 7 cables are the high end offering from Aginode. Manufactured in accordance with ISO IEC 61156-5 requirements, the S/FTP cable is the best choice to support all Class F applications like Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet, ⋯ The Cat 7 S/FTP cables are suitable for voice, data, CATV and sharing application installations up to 600 MHz. Aginode Cat.7 cables, combined with a similar class of performance connectivity, are suitable for voice and data installations according to ISO/IEC 11801, EN 50173 and TIA/EIA 568 standards.

Construction

1. Conductor: solid bare copper
2. Insulation : Polyethylen (EN 50290-2-23) - Two insulated conductors twisted to a pair
3. Screen: ALU/PET on each pair. Alu outside - 4/2 laid up together
4. Tinned copper braid
5. Outer Jacket : LSZH - Dca

Environment

Designed to reduce the environment impact, Aginode cables are compliant with RoHS 2011/65 Directive and European Reach 1907/2006/EC regulation. The outer sheat of the cabel is made of halogen free material (IEC 60754-1 / EN 50267-2-1), whith limited fumes emission (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 of the

STANDARDS

EN 50173
EN 50288
EN 50575
IEC 60332-1
IEC 61156-5
ISO/IEC 11801

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cable. Upon request the PEP Ecopassport or the Eco Material Declaration could be available.

Cat 7 800 S/FTP

TRANSMISSION CHARACTERISTICS

Values at 20°C

Frequency (MHz)	S/T	4	100	155	200	240	250	350	500	550	580	590	600	700	800
Attenuation max. (dB/100m)	Standard	3.7	19.0	24.0	27.5	30.3	31.0	37.2	45.3	47.7	49.2	49.6	50.1	-	-
	Typical	3.6	18.1	22.7	25.8	28.4	29.0	34.6	41.8	43.9	45.2	45.6	46.0	50.0	53.7
NEXT min. (dB)	Standard	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7	-	-
	Typical	100.0	97.4	94.5	92.9	91.7	91.4	89.2	86.9	86.3	85.9	85.8	85.7	84.4	83.2
PSNEXT min. (dB)	Standard	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7	-	-
	Typical	100.0	94.4	91.5	89.9	88.7	88.4	86.2	83.9	83.3	82.9	82.8	82.7	81.4	80.2
ACRF min. (dB)	Standard	75.0	55.3	51.5	49.3	47.7	47.3	44.4	41.3	40.5	40.0	39.9	39.7	-	-
	Typical	100.0	94.0	91.7	90.1	88.5	85.7	85.7	82.1	81.0	80.4	80.2	80.0	78.0	76.2
PSACRF min. (dB)	Standard	75.0	52.3	48.5	46.3	44.7	44.3	41.4	38.3	37.5	37.0	36.9	36.7	-	-
	Typical	98.2	91.0	88.7	87.1	85.8	85.5	82.7	79.1	78.0	77.4	77.2	77.0	75.0	73.2
Return Loss min. (dB)	Standard	23.0	20.1	18.8	18.0	17.4	17.3	17.3	17.3	17.3	17.3	17.3	17.3	-	-
	Typical	33.0	30.1	28.8	28.0	27.4	27.3	26.3	25.3	25.3	25.3	25.3	25.3	24.6	24.1

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Cat.7 800 S/FTP LSZH Dca

EIGENSCHAFTEN

Konstruktionsmerkmale	
Außenmantel	LSZH
Mantelfarbe	Orange
Abmessungsmerkmale	
Anzahl Paare	4
Anwendungsmerkmale	
Flammwidrig	IEC 60332-1

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Product list

	Aginode ref.	Country ref.	Name	Mantelfarbe	Anzahl Paare	Verpackung
	10052204	-	AGINODE C7 800 S/FTP LSZH Dca 4P D1000 OR	Orange	4	Trommel 1000m
	10053444	-	AGINODE C7 800 S/FTP LSZH Dca 4P 500m ORANGE	Orange	4	Trommel 500m

= Make to order, = In Stock

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