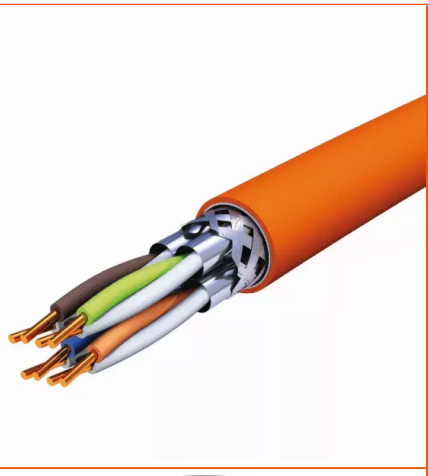
Cat.7 1300 S/FTP LSZH Dca

- Complies to latest Cat 7 standard version
- Supports Class F applications
- Cable tested up to 1300 MHz
- 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 (S2, d1, a1)

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 cable. Upon request the PEP Ecopassport or the Eco Material

STANDARDS

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

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.

Declaration could be available.

Cat 7 1300 S FTP TRANSMISSION CHARACTERISTICS

Frequency (MHz)		4	100	155	200	250	500	600	1000	1300
Attenuation max. (dB/100m)	Standard	3,7	19,0	24,0	27,5	31,0	45,3	50,1	-	-
	Typical	3,6	18,1	22,7	25,8	29,0	41,8	46,0	60,5	69,8
NEXT min. (dB)	Standard	75,0	72,4	69,5	67,9	66,4	61,9	60,7	-	-
	Typical	100,0	97,4	94,5	92,9	91,4	86,9	85,7	81,3	79,0
PSNEXT min. (dB)	Standard	75,0	69,4	66,5	64,9	63,4	58,9	57,7	-	-
	Typical	100,0	94,4	91,5	89,9	88,4	83,9	82,7	78,3	76,0
ACRF min. (dB)	Standard	75,0	55,3	51,5	49,3	47,3	41,3	39,7	-	-
	Typical	100,0	94,0	91,7	90,1	85,7	82,1	80,0	72,7	68,1
PSACRF min. (dB)	Standard	75,0	52,3	48,5	46,3	44,3	38,3	36,7	-	-
	Typical	98,2	91,0	88,7	87,1	85,5	79,1	77,0	69,7	65,1
Return Loss min. (dB)	Standard	23,0	20,1	18,8	18,0	17,3	17,3	17,3	-	-
	Typical	33,0	30,1	28,8	28,0	27,3	25,3	25,3	23,1	21,9
ACR min. (dB/100)	Standard	71,3	53,4	45,6	40,4	35,5	16,7	10,6	-	-
	Typical	96,4	79,3	71,9	67,0	62,4	45,1	39,7	20,8	9,2

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Cat.7 1300 S/FTP LSZH Dca

CHARACTERISTICS

Construction characteristics	
Outer sheath	LSZH
Sheath colour	Orange
Dimensional characteristics	
Number of pairs	4
Usage characteristics	
Flame retardant	IEC 60332-1
Packaging	Drum 500 m

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Product list

	Aginode ref.	Country ref.	Name	Sheath colour	Number of pairs	Packaging
	13200491	-	AGINODE C7 1300 S/FTP LSZH Dca 4P D500 OR	Orange	4	Drum 500 m
	13200497	-	AGINODE C7 1300 S/FTP LSZH Dca 2x4P D500 OR	Orange	4	Drum 500 m
	13200496	-	AGINODE C7 1300 S/FTP LSZH Dca 4P D1000 OR	Orange	4	Drum 1000 m

= Make to order, = In Stock

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