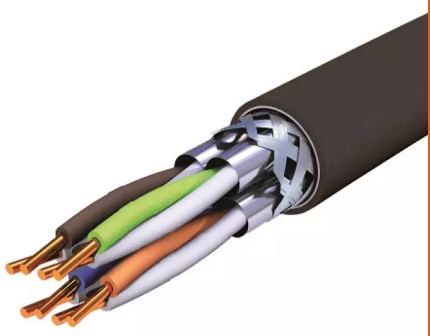
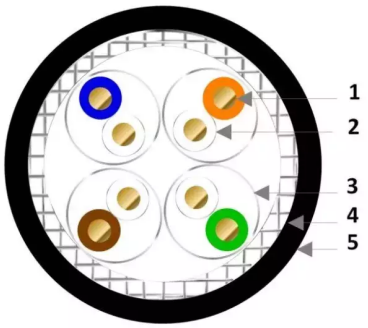
IN AND OUT IP Cable

- Camera IP video cable
- Cable compliant with IEC61156-6 CAT6A (under a distance of 60m for the VIP)
- For systems compliant with EA class according to ISO/IEC 11801 & EN 50173 (under a distance of 60m for the VIP)
- UV and humidity resistant and LSZH
- Flame retardant according to EN50575:2014+A1:2016 and IEC 60332-1
- Shielded cable for EMC performance
- High tensile strength for outdoor installation
- Compatible POE, POE+ and UPOE
- RoHS EC Directive compliant
- Compliant with European Reach regulation





STANDARDS

EN 50173
EN 50288
EN 50575
IEC 61156-6
ISO/IEC 11801

Application

The shielded IP cables with In&Out outer jacket are the very high end IP solution offering from Aginode. The special jacket guarantee a very good UV and humidity resistance and also a LSZH compliance.
Cables are available in 2 versions : AWG26 authorizing a direct connection on RJ45 plugs and AWG23 dedicated for RJ45 connector termination.
Manufactured in accordance with ISO IEC 61156-5 and -6 transmission requirements, the In&Out cables are the best choice to support 10Gigabit Ethernet, smart city and smart building application in channel configurations and direct attached such as IP video security applications, outdoor and indoor wifi access point, industrial and urban automation systems.

Construction

1. Conductor: solid bare copper (AWG26 or AWG23)
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 : In&Out Eca (EN50575)

Environment

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.

Designed to reduce the environment 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), whith limited fumes emissions (IEC 61034-1/2 / EN 50268-1/2) and no acid gaz emissions 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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IN AND OUT IP Cable

CHARACTERISTICS

Construction characteristics	
Outer sheath	In & out
Sheath colour	Black
Dimensional characteristics	
Number of pairs	4
Transmission characteristics	
Typical maximum time delay	450 ns/100m
Typical maximum delay skew for conductor	536 ns/100m
Typical maximum delay skew for pair	540 ns/100m
Usage characteristics	
Weather resistance	Excellent
Flame retardant	IEC 60332-1
Packaging	Drum 500 m

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Product list

	Aginode ref.	Country ref.	Name	Packaging
	13200561	-	AGINODE CAT6A U/FTP 4P In/Out Eca 500m	Drum 500 m
	10251534	-	VIP CABLE S/FTP 4P In&Out Eca 305m	Box 305 m

= Make to order, = In Stock

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