

# IN AND OUT IP Cable

## VIP CABLE S/FTP 4P IN&OUT ECA 305M

**Aginode Ref:** 10251534

**EAN:** 3760400091080

- Camera IP video cable
- Cable compliant with IEC61156-6 CAT6A under a distance of 60m
- For systems compliant with EA class according to ISO/IEC 11801 & EN 50173 under a distance of 60m
- UV and humidity resistant and LSZH
- Flame retardant according to EN50575:2014+A1:2016 and IEC 60332-1
- Compatible with RJ45 plugs (for solid wire only)
- Pimf and braid for EMC performance
- High tensile strength for outdoor installation
- Compatible POE, POE+ and UPOE
- RoHS EC Directive compliant
- Compliant with European Reach regulation

### Application

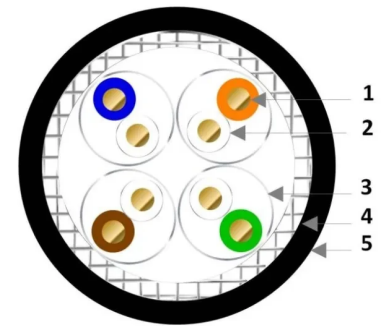
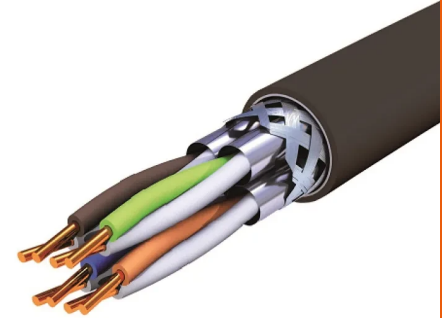
Les câbles à paires symétriques S/FTP VIP avec gaine In&Out composent l'offre haut de gamme de Aginode pour les applications Vidéo IP en environnement intérieur et/ou extérieur. La gaine spécifique garantit une tenue aux UV et à l'humidité mais également une conformité LSZH.

Le diamètre optimisé des conducteurs autorise le montage sur connecteurs RJ45, simplifiant les raccordements sur site.

Cette construction, fabriquée selon les exigences des normes de transmission IEC 61156-6, représente un composant de choix pour les applications 10 Gigabits Ethernet sur 60m en configurations channel et direct attached telles la vidéosurveillance, le raccordement de bornes WIFI outdoor et les applications IP industrielles et urbaines.

### Construction

1. Ame conductrice : Cuivre nu massif
2. Isolation : Polyéthylène (EN 50290-2-23) - Deux fils isolés torsadés en paires
3. Paires écrantées: Ruban Alu/Pet. Alu à l'extérieur - 4 paires assemblées



### STANDARDS

EN 50173  
EN 50288  
EN 50575  
IEC 61156-6  
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.

- 4. Tresse : Tresse cuivre étamé
- 5. Gaine : In&Out (EN 50289-4-17)

**Environnement**

Conçus pour minimiser l'impact sur l'environnement, les câbles Aginode sont conformes à la Directive RoHS 2011/65 et à la réglementation Reach 1907/2006/EC. La gaine extérieure en matériau sans halogène (IEC 60754-1 / EN 50267-2-1) réduit les émissions de fumées et ne produit pas d'émissions de gaz acide en cas de feu (IEC 60754-2 / EN 50267-2-2).

Aginode mesure l'impact environnemental de chacun de ses produits. Sur demande, l'Eco Material Declaration ou l'Ecopassport peuvent être fournis.

**VIP TRANSMISSION CHARACTERISTICS**

CABLE VIP IN&OUT VIDÉO IP S/FTP AWG26 CONFORM TO IEC61156-6

Values at 20°C

Frequency (MHz)	4	16	20	31.25	62.5	100	155	200	240	250	350	500
Attenuation max. (dB/100m)	5.7	11.2	12.6	15.8	22.5	28.7	36.1	41.4	45.6	46.6	55.9	67.9
NEXT min. (dB)	75.0	75.0	75.0	72.9	68.4	65.3	62.4	60.8	59.6	59.3	57.1	54.8
PSNEXT min. (dB)	75.0	74.2	72.8	69.9	65.4	62.3	59.4	57.8	56.6	56.3	54.1	51.8
ACRF min. (dB)	66.0	53.9	52.0	48.1	42.1	38.0	34.2	32.0	30.4	30.0	27.1	24.0
PSACRF min. (dB)	63.0	50.9	49.0	45.1	39.1	35.0	31.2	29.0	27.4	27.0	24.1	21.0
Return Loss min. (dB)	23.0	25.0	25.0	23.3	20.7	19.0	17.4	16.4	15.7	15.6	15.6	15.6

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.



# VIP CABLE S/FTP 4P In&Out Eca 305m

## Characteristics

### 구조적 특성

피복	In & out
Sheath colour	검은색
Halogen free	예
Higher heating value	430 MJ/km
Type of cable	S/FTP
Shielding	80% tinned copper braid coverage
Individual screen	Aluminium / Polyester tape
Overall screen	Tinned copper braid

### 치수

무게(근사치)	43 kg/km
Number of pairs	4
Conductor cross-section (AWG/KCMIL)	AWG26/1
Diameter over insulation	1.0 mm
Nominal outer diameter (mm)	6.0 mm
External dimensions	Not applicable

### 전기적 특성

20° C에서 최대 도체 DC저항	150 Ohm/km
Characteristic impedance at 100 MHz	100 Ohm

### 기계적 특성

Maximum installation tension	110 N
------------------------------	-------

### Transmission characteristics

Nominal Velocity of Propagation (NVP)	75 %
Coupling attenuation at 30 MHz	>80 dB
Typical maximum time delay	450 ns/100m
Typical maximum delay skew for conductor	270 ns/100m
Typical maximum delay skew for pair	540 ns/100m

### 사용 특성

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.

Field of application	Indoor, Outdoor
Weather resistance	Excellent
난연	IEC 60332-1
연기밀도	Low
Packaging	Box 305 m
Ambient installation temperature, range	-25...50 °C
Bending factor when laying	8 (xD)
설치 시 벤딩 요소	4 (xD)
Ambient static operating temperature, range	-40...75 °C

## 성과 선언

VIP CABLE S/FTP 4P In&Out Eca 305m pdf — 141.11 KB [다운로드](#) ↓