Essential-6 Patch Cords

- Compliant with latest Category 6 standards
- Available in screened and unscreened version
- Light grey PVC or Orange LSZH
- Slim boot with bend relief
- 1, 2, 3 and 5m lengths



STANDARDS

ISO/IEC 11801

Application

The Aginode Essential-6 patch cords are manufactured and tested to the latest Category 6 specifications and support Class E applications up to 250 MHz. They are matched with the complete Essential-6 range in order to deliver a full end-to-end Class E Channel.

Design

The Essential-6 patch cords contain a central PE cross member, keeping the pairs in place and reducing the risk of losing performance when bending the cords. Available in standard lengths of 1, 2, 3 and 5m, each cord is individually bagged and carries a traceability code.

Performance

The Essential-6 cords are compliant with the specifications of ISO/IEC 11801 and EN 50173.

Installation

Thanks to their small outer diameter, the Essential-6 cords are easy to install and manage in a rack.

Frequency MHz	Insertion Loss dB/100m	NEXT PP dB	PS NEXT dB	ACR dB/100m	PS ACR dB/100m	ELFEXT dB/100m	PSELFEXT dB/100m	Return Loss dB
1	4,0	65,0	62,0	65,0	62,0	63,3	60,3	19,0
4	4,2	63,0	60,5	58,9	56,4	51,2	48,2	19,0
10	6,6	56,6	54,0	50,0	47,4	43,3	40,3	19,0
16	8,3	53,2	50,6	44,9	42,3	39,2	36,2	18,0
20	9,3	51,6	49,0	42,3	39,7	37,2	34,2	17,5
31,25	11,7	48,4	45,7	36,7	34,0	33,4	30,4	16,5
62,5	16,9	43,4	40,6	26,5	23,7	27,3	24,3	14,0
100	21,7	39,9	37,1	18,2	15,4	23,3	20,3	12,0
155	27,6	36,7	33,8	9,1	6,2	19,5	16,5	10,1
200	31,7	34,8	31,9	3,1	0,1	17,2	14,2	9,0
250	35,9	33,1	30,2	-2,8	-5,8	15,3	12,3	8,0

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.

Essential-6 Patch Cords

CHARACTERISTICS

Construction characteristics	
Outer sheath	PVC
Screen	UTP
Colour	Light grey
Electrical characteristics	
Characteristic impedance	100 Ohm
Usage characteristics	
Range	essential-6
Length	1 m
Flame retardant	IEC 60332-1

Resources

Documentation

Freetable Ess6 channel.xls xls — 14 KB Download

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Product list

	Aginode ref.	Country ref.	Name	Outer sheath	Screen	Colour	Length
	N101.11ECGG	-	Essential-6 Patch Cord UTP Cat 6 PVC Grey 1m	PVC	UTP	Light grey	1 (m)
	N101.11EEGG	-	Essential-6 Patch Cord UTP Cat 6 PVC Grey 2m	PVC	UTP	Light grey	2 (m)
	N101.11EFGG	-	Essential-6 Patch Cord UTP Cat 6 PVC Grey 3m	PVC	UTP	Light grey	3 (m)
	N101.11EHGG	-	Essential-6 Patch Cord UTP Cat 6 PVC Grey 5m	PVC	UTP	Light grey	5 (m)
	N101.22ECGG	-	Essential-6 Patch Cord FTP Cat 6 LSZH Grey 1m	LSZH	FTP	Light grey	1 (m)
	N101.22EEGG	-	Essential-6 Patch Cord FTP Cat 6 LSZH Grey 2m	LSZH	FTP	Light grey	2 (m)
	N101.22EFGG	-	Essential-6 Patch Cord FTP Cat 6 LSZH Grey 3m	LSZH	FTP	Light grey	3 (m)
	N101.22EHGG	-	Essential-6 Patch Cord FTP Cat 6 LSZH Grey 5m	LSZH	FTP	Light grey	5 (m)
	N101.21ECOO	-	Essential-6 Patch Cord UTP Cat 6 LSZH Orange 1m	LSZH	UTP	Orange	1 (m)
	N101.21EEOO	-	Essential-6 Patch Cord UTP Cat 6 LSZH Orange 2m	LSZH	UTP	Orange	2 (m)
	N101.21EFOO	-	Essential-6 Patch Cord UTP Cat 6 LSZH Orange 3m	LSZH	UTP	Orange	3 (m)
	N101.21EHOO	-	Essential-6 Patch Cord UTP Cat 6 LSZH Orange 5m	LSZH	UTP	Orange	5 (m)

= Make to order, = In Stock

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