

JetLan6+

JetLan is the only structured cabling system that includes all the passive elements required by the installation or modification of your data networks, as it offers all the options for high performance data cables, accessories and connection tools. All these products satisfy high quality standards, beyond the last standards or industry requirements, and form a global solution. Our technical leadership in the United States over the last years results from the application of the last technological developments, which have been transferred to Europe, at our production facilities in Portugal.

JetLan 6+ includes our most advanced technology for high speed data transmission in Copper structured networks. With JetLan 6+ we offer transmission characteristics at 500 MHz much above other solutions in the market. Independent laboratories such as Delta certify all cable characteristics.

JetLan 6+ range of products is the widest on the market:

- Copper pair cable with different sheath materials (PVC, LSZH), including types satisfying IEC 60332-1 and IEC 60332-3-24 standards
- 19" panels, with varying numbers of ports and heights
- data jacks
- patchcords
- blank patchpanels, organizers, faceplates, shuttered modules, baluns, punch down tools, etc..

All JetLan 6+ components have characteristics above the standardised requirements for ANSI/TIA/EIA Category 6 and ISO/IEC 11801 Class E.

General Cable is represented in the corresponding Standards Committees, integrating the Work Groups and Research Teams that contribute to the development and publication of new Standards to improve network characteristics.



Jetlan6+

Cat 6 (500 MHz) UTP solid cable (PVC sheath)



DESCRIPTION: These indoor cables correspond to our best technology for high speed data transmission. They provide excellent data transmission characteristics that go beyond the Category 6 requirements, with performance values at 500 MHz higher than other cables of this category available in the market. They have a grey PVC sheath (others colours are available).

CONSTRUCTION

Conductor	24 AWG (0,51 mm) solid bare annealed Copper
Insulation	Polyolefin
Pairing	Varying short pair lay-length
Sheath	Grey PVC (IEC 60332-1)

APPLICATIONS

- Supports full and half duplex operation
- Digital/analogic video
- 16 Mbps Token Ring
- 100 Mbps TP-PMOD
- 100 BASE-T (IEEE 802.3)
- 1000 BASE-T (Gigabit Ethernet)
- 155/622 Mbps ATM
- 1.2 Gbps ATM

COMPLIANCES

IEC 60332-1, UNE 50265-2-1 (flame retardant cable)
ANSI/TIA/EIA 568-B.2 (Category 6)
ISO/IEC 11801
EN 50173

CERTIFICATION

EC Verified (DELTA) - cable certified to 500 MHz

PACKING

- 305 m (1000 ft) Pull-Pac boxes
- 500 and 1000 m spools

COLOUR CODE

Pairs	Colour combination
1	white □ blue ■ blue ■ blue
2	white □ orange ■ orange ■ orange
3	white □ green ■ green ■ green
4	white □ brown ■ brown ■ brown

ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max) Ohm/100m(328 ft) @ 20°C		8,90
Resistance unbalance (max) Individual pair %		3,0
Mutual capacitance (nominal) nF/100m(328 ft) @ 1kHz		5,60
Nominal velocity of propagation NVP (% speed of light)		70
Characteristic impedance (Ohm) Value at	1,0-100 MHz 100-350 MHz 350-500 MHz	85-115 78-122 68-132
Propagation Delay (max) (ns @ 10 MHz)		518
Delay skew (max) (ns/100 m)		45
External diameter (mm)		6,12
Weight (kg/km)		41,9
Minimum bending radius (mm)		24,5

Freq. MHz	Attenuat. Max. dB/100m	NEXT dB/100m (min)	PS-NEXT dB/100m (min)	ELFEXT dB/100m (min)	PS-ELFEXT dB/100m (min)	ACR dB/100m (min)	PS-ACR dB/100m (min)	Return loss dB/100m (min)
0,772	1,6	96,4	93,6	90	90,3	94,8	92	
1	1,8	94,7	91,9	87,9	88	92,9	90,1	37,4
4	3,5	85,5	82,5	76,9	76,1	82	79	35,6
8	5	80,9	77,8	71,4	70,1	75,9	72,8	34,7
10	5,5	79,4	76,3	69,6	68,2	73,9	70,8	34,4
16	7	76,3	73,2	65,9	64,1	69,3	66,2	33,8
25	8,8	73,3	70,1	62,3	60,3	64,5	61,3	33,6
31,25	9,9	71,8	68,6	60,5	58,3	61,9	58,7	33,3
62,5	14,1	67,2	64	55	52,4	53,1	49,9	33
100	18	64,1	60,8	51,3	48,3	46,1	42,8	32,1
155	22,7	61,2	57,8	49,2	46	38,5	35,1	31,5
200	26	59,5	56,1	45,8	42,3	33,5	30,1	30,6
250	29,2	58	54,6	44	40,4	28,8	25,4	30,4
350	35,1	55,8	52,3	41,3	37,5	20,7	17,2	-
400	38,1	54,9	51,4	40,3	36,4	16,8	13,3	-
500	43	53,5	49,9	38,5	34,4	10,5	6,9	-

ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
538004CC4P	4/24	Grey PVC	305 m Pull-Pac boxes
538104CC4P	4/24	Grey PVC	Spools 1.000 m
538104CC4PQ	4/24	Grey PVC	Spools 500 m



Jetlan6+

Cat 6 (500 MHz) UTP solid cable (LSZH sheath, IEC 60332-1 and 60332-3-24 versions)



DESCRIPTION: These indoor cables correspond to our best technology for high speed data transmission. They provide excellent data transmission characteristics that go beyond the Category 6 requirements, with performance values at 500 MHz higher than other cables of this category available in the market.

CONSTRUCTION

Conductor	24 AWG (0,51 mm) solid bare annealed Copper
Insulation	Polyolefin
Pairing	Varying short pair lay-length
Sheath	Type IEC 60332-1: Grey LSZH material Type IEC 60332-3-24 (Exzhellent): Green LSZH material

APPLICATIONS

- Supports full and half duplex operation
- Digital/analogic video
- 16 Mbps Token Ring
- 100 Mbps TP-PMOD
- 100 BASE-T (IEEE 802.3)
- 1000 BASE-T (Gigabit Ethernet)
- 155/622 Mbps ATM
- 1.2 Gbps ATM

COMPLIANCES

ANSI/TIA/EIA 568-B.2 (Category 6)
ISO/IEC 11801, IEC 61156-5
EN 50173, EN 50288
IEC 60332-1 e EN 50265-2-1 (flame retardant cable)
IEC 61034 e EN 50268 (smoke density)
IEC 50274 e EN 50267-2-1 (halogen content)
IEC 60332-3-24 e EN 50266-2-4 (fire retardant cable) - only Exzhellent type

PACKING

- 305 m boxes (332-1 type only)
- 500 and 1000 m spools

COLOUR CODE

Pairs	Colour combination
1	white □ blue □ blue
2	white □ orange □ orange
3	white □ green □ green
4	white □ brown □ brown

ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max) Ohm/100m(328 ft) @ 20°C		8,90
Resistance unbalance (max) Individual pair %		3,0
Mutual capacitance (max) nF/100m(328 ft) @ 1kHz		5,60
Nominal velocity of propagation NVP (% speed of light)		70
Characteristic impedance (Ohm) Value at	1,0-100 MHz 100-350 MHz 350-500 MHz	85-115 78-122 68-132
Propagation Delay (max) (ns @ 10 MHz)		518
Delay skew (max) (ns/100 m)		35
External diameter (mm)		6,1 (Type 332-1) / 7,2 (Type Exzhellent)
Weight (kg/km)		42 (Type 332-1) / 60 (Type Exzhellent)
Minimum bending radius		24,5 (Type 332-1) / 28,8 (Type Exzhellent)
Calorific value (MJ/m)		0,446 (Type 332-1)

Freq. MHz	Attenuat. Max. dB/100m	NEXT dB/100m (min)	PS-NEXT dB/100m (min)	ELFEXT dB/100m (min)	PS-ELFEXT dB/100m (min)	ACR dB/100m (min)	PS-ACR dB/100m (min)	Return loss dB/100m (min)
0,772	1,6	96,4	93,6	90	90,3	94,8	92	
1	1,8	94,7	91,9	87,9	88	92,9	90,1	37,4
4	3,5	85,5	82,5	76,9	76,1	82	79	35,6
8	5	80,9	77,8	71,4	70,1	75,9	72,8	34,7
10	5,5	79,4	76,3	69,6	68,2	73,9	70,8	34,4
16	7	76,3	73,2	65,9	64,1	69,3	66,2	33,8
25	8,8	73,3	70,1	62,3	60,3	64,5	61,3	33,6
31,25	9,9	71,8	68,6	60,5	58,3	61,9	58,7	33,3
62,5	14,1	67,2	64	55	52,4	53,1	49,9	33
100	18	64,1	60,8	51,3	48,3	46,1	42,8	32,1
155	22,7	61,2	57,8	49,2	46	38,5	35,1	31,5
200	26	59,5	56,1	45,8	42,3	33,5	30,1	30,6
250	29,2	58	54,6	44	40,4	28,8	25,4	30,4
350	35,1	55,8	52,3	41,3	37,5	20,7	17,2	-
400	38,1	54,9	51,4	40,3	36,4	16,8	13,3	-
500	43	53,5	49,9	38,5	34,4	10,5	6,9	-

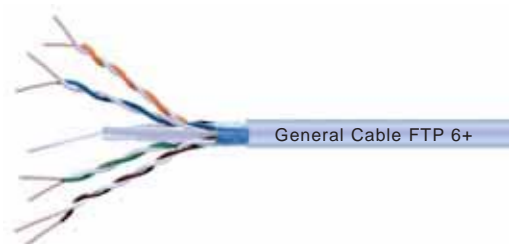
ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
539004CC4P	4/24	Grey LSZH material	305 m Pull-Pac boxes
539104CC4P	4/24	Grey LSZH material	Spools 1.000 m
539104CC4PQ	4/24	Grey LSZH material	Spools 500 m
540104CC4P	4/24	Green LSZH material	Spools 1.000 m



Jetlan6+

Cat 6 (500 MHz) FTP solid cable (PVC sheath)



DESCRIPTION: These indoor cables correspond to our best technology for high speed data transmission. They provide excellent data transmission characteristics that go beyond the Category 6 requirements, with performance values at 500 MHz higher than other cables of this category available in the market.

CONSTRUCTION

Conductor	24 AWG (0,51 mm) solid bare annealed Copper
Insulation	Polyolefin
Pairing	Varying short pair lay-length
Screen	Aluminium-Polyester foil
Drain wire	Tinned Copper
Sheath	Grey PVC

APPLICATIONS

- Supports full and half duplex operation
- Digital/analogic video
- 16 Mbps Token Ring
- 100 Mbps TP-PMOD
- 100 BASE-T (IEEE 802.3)
- 1000 BASE-T (Gigabit Ethernet)
- 155/622 Mbps ATM
- 1.2 Gbps ATM

COMPLIANCES

IEC 60332-1, UNE 50265-2-1 (flame retardant cable)
ANSI/TIA/EIA 568-B.2 (Category 6)
ISO/IEC 11801
EN 50173

PACKING

- 500 or 1000 m spools

COLOUR CODE

Pairs	Colour combination
1	white □ blue ■ blue ■ blue
2	white □ orange ■ orange ■ orange
3	white □ green ■ green ■ green
4	white □ brown ■ brown ■ brown

ELECTRICAL AND CONSTRUCTIVE VALUES

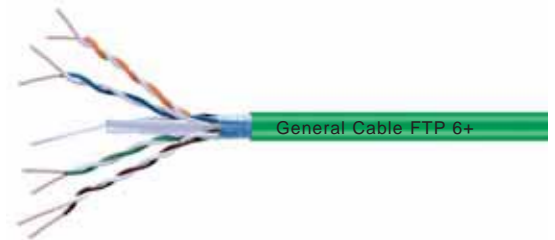
DC resistance (max) Ohm/100m(328 ft) @ 20°C		8,90
Resistance unbalance (max) Individual pair %		3,0
Mutual capacitance (max) nF/100m(328 ft) @ 1kHz		5,60
Nominal velocity of propagation NVP (% speed of light)		70
Characteristic impedance (Ohm) Value at	1,0-100 MHz 100-350 MHz 350-500 MHz	85-115 78-122 68-132
Propagation Delay (max) (ns @ 10 MHz)		518
Delay skew (max) (ns/100 m)		35
External diameter (mm)		7,1
Weight (kg/km)		51,5
Minimum bending radius (mm)		28,3

Freq. MHz	Attenuat. Max. dB/100m	NEXT dB/100m (min)	PS-NEXT dB/100m (min)	ELFEXT dB/100m (min)	PS-ELFEXT dB/100m (min)	ACR dB/100m (min)	PS-ACR dB/100m (min)	Return loss dB/100m (min)
0,772	1,6	96,4	93,6	90	90,3	94,8	92	
1	1,8	94,7	91,9	87,9	88	92,9	90,1	37,4
4	3,5	85,5	82,5	76,9	76,1	82	79	35,6
8	5	80,9	77,8	71,4	70,1	75,9	72,8	34,7
10	5,5	79,4	76,3	69,6	68,2	73,9	70,8	34,4
16	7	76,3	73,2	65,9	64,1	69,3	66,2	33,8
25	8,8	73,3	70,1	62,3	60,3	64,5	61,3	33,6
31,25	9,9	71,8	68,6	60,5	58,3	61,9	58,7	33,3
62,5	14,1	67,2	64	55	52,4	53,1	49,9	33
100	18	64,1	60,8	51,3	48,3	46,1	42,8	32,1
155	22,7	61,2	57,8	49,2	46	38,5	35,1	31,5
200	26	59,5	56,1	45,8	42,3	33,5	30,1	30,6
250	29,2	58	54,6	44	40,4	28,8	25,4	30,4
350	35,1	55,8	52,3	41,3	37,5	20,7	17,2	-
400	38,1	54,9	51,4	40,3	36,4	16,8	13,3	-
500	43	53,5	49,9	38,5	34,4	10,5	6,9	-

ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
541104CC4PQ	4/24	Grey PVC	Spools 500 m
54114A1C4P	4/24	Grey PVC	Spools 1.000 m

Jetlan6+



Cat 6 (300 MHz) FTP solid cable (LSZH sheath)

DESCRIPTION: These indoor cables correspond to our best technology for high speed data transmission. They provide excellent data transmission characteristics that go beyond the Category 6 requirements, with performance values at 500 MHz higher than other cables of this category available in the market. They have a LSZH sheath (standard colour Grey) according to EN 50268 and EN 50267-2-1, and satisfy the requirements of EN 50265-1 (IEC 60332-1) concerning flame retardancy.

CONSTRUCTION

Conductor	24 AWG (0,51 mm) solid bare annealed Copper
Insulation	Polyolefin
Pairing	Varying short pair lay-length
Screen	Aluminium-Polyester foil
Drain wire	Tinned Copper
Sheath	Grey LSZH material

APPLICATIONS

- Supports full and half duplex operation
- Digital/analogic video
- 16 Mbps Token Ring
- 100 Mbps TP-PMOD
- 100 BASE-T (IEEE 802.3)
- 1000 BASE-T (Gigabit Ethernet)
- 155/622 Mbps ATM
- 1.2 Gbps ATM

COMPLIANCES

IEC 60332-1, UNE 50265-2-1 (flame retardant cable)
ANSI/TIA/EIA 568-B.2 (Category 6)
ISO/IEC 11801
EN 50173
EN 50268 (smoke density)
EN 50267-2-1 (Halogen content)

PACKING

- 500 and 1000 m spools

COLOUR CODE

Pairs	Colour combination
1	white □ blue ■ blue ■ blue
2	white □ orange ■ orange ■ orange
3	white □ green ■ green ■ green
4	white □ brown ■ brown ■ brown

ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max) Ohm/100m(328 ft) @ 20°C		8,90
Resistance unbalance (max) Individual pair %		3,0
Mutual capacitance (max) nF/100m(328 ft) @ 1kHz		5,60
Nominal velocity of propagation NVP (% speed of light)		70
Characteristic impedance (Ohm) Value at	1,0-100 MHz 100-350 MHz 350-500 MHz	85-115 78-122 68-132
Propagation Delay (max) (ns @ 10 MHz)		518
Delay skew (max) (ns/100 m)		35
External diameter (mm)		7,1
Weight (kg/km)		51,3
Minimum bending radius (mm)		28,3

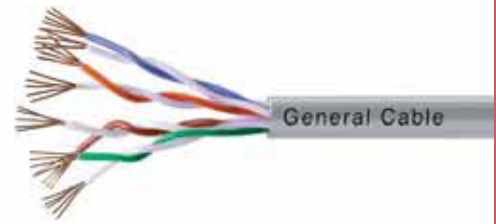
Freq. MHz	Attenuat. Max. dB/100m	NEXT dB/100m (min)	PS-NEXT dB/100m (min)	ELFEXT dB/100m (min)	PS-ELFEXT dB/100m (min)	ACR dB/100m (min)	PS-ACR dB/100m (min)	Return loss dB/100m (min)
0,772	1,6	96,4	93,6	90	90,3	94,8	92	
1	1,8	94,7	91,9	87,9	88	92,9	90,1	37,4
4	3,5	85,5	82,5	76,9	76,1	82	79	35,6
8	5	80,9	77,8	71,4	70,1	75,9	72,8	34,7
10	5,5	79,4	76,3	69,6	68,2	73,9	70,8	34,4
16	7	76,3	73,2	65,9	64,1	69,3	66,2	33,8
25	8,8	73,3	70,1	62,3	60,3	64,5	61,3	33,6
31,25	9,9	71,8	68,6	60,5	58,3	61,9	58,7	33,3
62,5	14,1	67,2	64	55	52,4	53,1	49,9	33
100	18	64,1	60,8	51,3	48,3	46,1	42,8	32,1
155	22,7	61,2	57,8	49,2	46	38,5	35,1	31,5
200	26	59,5	56,1	45,8	42,3	33,5	30,1	30,6
250	29,2	58	54,6	44	40,4	28,8	25,4	30,4
350	35,1	55,8	52,3	41,3	37,5	20,7	17,2	-
400	38,1	54,9	51,4	40,3	36,4	16,8	13,3	-
500	43	53,5	49,9	38,5	34,4	10,5	6,9	-

ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
543104CC4P	4/24	Green LSZH material	Spools 500 / 1.000 m

Jetlan6+

Category 6 (250 MHz) UTP patchcable (PVC or LSZH sheath)



DESCRIPTION: These cables, designed for internal installation, are used in the manufacture of patchcords. These are installed within the racks and in the connection of equipments to the network. They provide excellent data transmission characteristics, beyond the Category 6 (Cat 6) requirements, with performance values at 250 MHz much higher than other cables of this category available in the market. They may have a PVC (standard type) or LSZH sheath (supplied on special demand).

CONSTRUCTION

Conductor	24 AWG (7 x 32 AWG), flexible bare Copper
Insulation	Polyolefin
Pairing	Varying short pair lay-length
Sheath	Standard type - Grey PVC LSZH type - Grey LSZH material

APPLICATIONS

- Supports full and half duplex operation
- Digital/analogic video
- 16 Mbps Token Ring
- 100 Mbps TP-PMOD
- 100 BASE-T (IEEE 802.3)
- 1000 BASE-T (Gigabit Ethernet)
- 155/622 Mbps ATM
- 1.2 Gbps ATM

CERTIFICATION

EC Verified (DELTA) (only PVC type)

COMPLIANCES

ANSI/TIA/EIA 568-B.2 (Category 6)
ISO/IEC 11801, IEC 61156-5
EN 50173, EN 50288
IEC 60332-1 and EN 50265-2-1 (flame retardant cable)
IEC 61034 and EN 50268 (Smoke density) - only LSZH type
IEC 50274 and EN 50267-2-1 (Halogen content) - only LSZH type

PACKING

- 500 and 1000 m spools

COLOUR CODE

Pairs	Colour combination
1	white blue blue
2	white orange orange
3	white green green
4	white brown brown

ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max) Ohm/100m(328 ft) @ 20°C		8,90
Resistance unbalance (max) Individual pair %		2,0
Mutual capacitance (max) nF/100m(328 ft) @ 1kHz		5,50
Nominal velocity of propagation NVP (% speed of light)		70
Characteristic impedance (Ohm) Value at	1,0-100 MHz 100-250 MHz	85-115 78-122
Propagation Delay (max) (ns @ 10 MHz)		545
Delay skew (max) (ns/100 m)		45
External diameter (mm)		5,4
Weight (kg/km)		33
Minimum bending radius (mm)		22

Freq. MHz	Attenuat. Max. dB/100m	NEXT dB/100m (min)	PS-NEXT dB/100m (min)	ELFEXT dB/100m (min)	PS-ELFEXT dB/100m (min)	ACR dB/100m (min)	PS-ACR dB/100m (min)	Return loss dB/100m (min)
0,772	1,9	92,8	90,0	84,7	75,6	90,9	88,1	
1	2,2	87,2	85,4	70,0	70,0	85,0	83,2	31,4
4	4,4	79,2	77,7	63,5	61,8	74,8	73,3	30,9
8	6,3	68,8	67,4	64,2	62,5	62,5	61,1	34,5
10	7,1	72,1	68,8	71,4	65,0	65,0	61,7	37,4
16	9,0	67,0	66,3	72,8	68,5	58,0	57,3	39,3
25	11,4	67,2	64,1	63,2	61,0	55,8	52,7	35,5
31,25	12,8	62,8	60,4	59,0	57,7	50,0	47,6	36,3
62,5	18,4	56,5	53,4	50,0	48,8	38,1	35,0	34,5
100	23,7	55,2	53,4	49,8	47,7	31,5	29,7	33,3
155	30,2	47,6	45,0	46,9	44,4	17,4	14,8	30,0
200	34,8	45,0	44,0	33,0	32,0	10,2	9,2	26,5
250	37,3	42,0	42,0	23,0	23,0	4,7	4,7	25,6

ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
553004CC4P	4/24	Grey PVC	Spools 500/1000 m
563004CC4P	4/24	Green LSZH material	Spools 500/1000 m

Jetlan6+

Flexible Category 6 SSTP Cable with Zero halogen sheath (600 MHz) (individual shield + overall shield)



DESCRIPTION: These cables, designed for internal installation, are used in the manufacture of patchcords. These are installed within the racks and in the connection of equipments to the network. They provide excellent data transmission characteristics, beyond the Category 6 requirements, with some 600 MHz performances far superior to existing cables on the market. The material is supplied with a Zero Halogen sheath (LSZH).

CONSTRUCTION

Conductor	7 x 27 AWG flexible bare Copper
Insulation	Cellular PE
Individual screen	Aluminium/Mylar
Pairing	4 pairs, screened.
Overall screen	Tin-plated Copper braid
Sheath	Grey LSZH material.

APPLICATIONS

- IEEE 802.3 10 BaseT Ethernet
- IEEE 802.3u 100 BaseT Fast Ethernet
- IEEE 802.3ab 1000 BaseT Gigabit Ethernet
- IEEE 802.5 Token Ring
- IEEE 802.12 100VG-AnyLAN
- FDDI over Copper, RDSI, ATM, video

COMPLIANCES

Category 5e:
EN 50173, EN 50173 (2nd edition),
ISO/IEC 11801, ISO/IEC 11801 (2nd edition),
EN 50168
Category 6:
ISO/IEC 11801 (2nd edition),
EN 50173 (2nd edition),
prEN 50288-5-2 August 2000
Fire behaviour
IEC 60332-3 Cat.C
IEC 60754-2
IEC 61034

PACKING

- 1.000 m. spools

COLOUR CODING

Pairs	Colour combination
1	white □ blue □ blue
2	white □ orange □ orange
3	white □ green □ green
4	white □ brown □ brown

ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max)	Ohm/km	170
Insulation resistance (min.)	G Ohm.km	5
Mutual capacitance (nominal)	pF/m	48
Propagation Delay	ns/100 m	440
Delay skew	ns/100 m at 100 MHz	12
Characteristic impedance (Ohm)		
Value at	1 - 100 MHz	85 - 115
	100 - 250 MHz	82 - 118
External diameter (mm)		5,8
Weight (kg/km)		34

Freq. MHz	Attenuat. Máx. dB/100m	NEXT dB/100 (min)	PS-NEXT dB/100 (min)	ELFEXT dB/100 (min)	PS-ELFEXT dB/100 (min)	ACR dB/100 (min)	PS-ACR dB/100 (min)	Return loss dB/100 (min)
1	0,31	66,0	64,0	-	-	65,9	63,9	-
4	0,58	65,3	63,3	58,0	55,0	64,7	62,7	23,0
10	0,90	59,3	57,3	50,0	47,0	58,4	56,4	23,0
16	1,14	56,2	54,2	45,9	43,0	55,1	53,1	23,0
20	1,28	54,8	52,8	44,0	41,0	53,5	51,5	23,0
31,25	1,61	51,9	49,9	40,1	37,1	50,3	48,3	23,0
62,5	2,32	47,4	45,4	34,1	31,1	45,1	43,1	23,0
100	2,99	44,3	42,3	30,0	27,0	41,3	39,3	23,0
155	3,80	41,4	39,4	26,2	23,2	37,6	35,6	21,1
200	4,37	39,8	37,8	24,0	21,0	35,4	33,4	20,0
250	4,95	38,3	36,3	22,0	19,0	33,4	31,4	19,0

ORDERING INFORMATION

Code	Pairs/AWG	Sheath	Packing
CS6STPFGRP	4Pr/27	LSZH	Spools 1.000 m

JetLan6+

UTP patchpanels

JetLan panels present characteristics that go beyond the requirements of the new ANSI/TIA/EIA 568-B.2-1 Category 6 and ISO/IEC 11801 Class E standard. This provides improved transmission characteristics over 250 MHz. Using a recently designed printed circuit board, this panel provides considerable electrical efficiency with an easy insertion sequence.

APPLICATIONS

- Gigabit Ethernet 1000Base-Tx
- 10/100/1000Base-T Ethernet
- IEEE 802.3ab Gigabit Ethernet Verified
- 155/622 Mbps ATM
- 100 Mbps TP-PMD
- 4/16 Mbps Token Ring
- Digital and analogic video / (VoIP)

PERFORMANCES

IDC dual-type connection (110/KATT)

Takes a solid 22-26 AWG conductor

T568B/A wiring

Exceeds the ANSI/TIA/EIA 568-B.2-1 Category 6 standard requirements

ORDERING INFORMATION

Code	Description	Packing
CU6WP24NGP	24-port panel, 110/KATT 568A/B connection	1

The panel is supplied with screws, nuts, plastic flanges and rear cable-guide.



Blank panel

19" 16- and 24-port IU modular panel able to accommodate both UTP and FTP connectors. The Keystone-type connectors are fitted within black markers.

The references for the jacks to be used are:

CU5EJAKBLP	Jack Cat5e UTP
CU6PJAKBLP	Jack Cat6 UTP

ORDERING INFORMATION

Code	Description	Colour	Packing
CU5PV16NGP	Panel with 16 vacant ports	Black	1
CU5PV24NGP	Panel with 24 vacant ports	Black	1



JetLan6+

FTP patchpanels

Category 6 panels use a double balanced compensation printed circuit board design which greatly exceeds the requirements of all Standards. The metal top is removable, conferring EMI and RFI shielding together with an easy access for termination. The 110 system guarantees perfect mechanical connection of solid conductors from 22 AWG to 26 AWG.

CHARACTERISTICS

- UL Listed & CSA Certified
- T568B and T568A configurations
- Includes earthing accessories, clamps and screws
- Rear cable support
- Rear plate for earth connection

APPLICATIONS

- Voice (Analogic & Digital)
- 4/16 Mbps Token Ring
- 100 VG AnyLan
- 100 Mbps TP-PMD
- 155/622 Mbps ATM
- 10BASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet

ORDERING INFORMATION

Code	Description	Packing (unit/box)
CF6PP24NGP	24-port FTP panel	1



UTP and FTP patchcords

Our JetLan 6+ patchcords use a high-performance UTP or FTP patchcable, exclusive terminations and latest coupling techniques. All the assembly process is fully controlled and each cord is tested to avoid unbalance problems which may affect operation at high frequencies.

SPECIFICATIONS

Cat 6 patchcords are 100% tested.

The installation of the cords is compatible both with T568B and T568A.

Manufactured with double way plugs.

ORDERING INFORMATION

Code	Description	Packing (unit/box)
CU6PL05GRP	UTP patchcord 0,5 m - PVC	10
CU6PL10GRP	UTP patchcord 1 m - PVC	10
CU6PL15GRP	UTP patchcord 1,5 m - PVC	10
CU6PL20GRP	UTP patchcord 2 m - PVC	10
CU6PL25GRP	UTP patchcord 2,5 m - PVC	10
CU6PL30GRP	UTP patchcord 3 m - PVC	10
CU6PL50GRP	UTP patchcord 5 m - PVC	5
CU6HLO5GRP	UTP patchcord 0,5 m - LSZH	10
CU6HL10GRP	UTP patchcord 1 m - LSZH	10
CU6HL15GRP	UTP patchcord 1,5 m - LSZH	10
CU6HL20GRP	UTP patchcord 2 m - LSZH	10
CU6HL25GRP	UTP patchcord 2,5 m - LSZH	10
CU6HL30GRP	UTP patchcord 3 m - LSZH	10
CU6HL50GRP	UTP patchcord 5 m - LSZH	5
CF6PL05GRP	SSTP patchcord 0,5 m - LSZH	10
CF6PL10GRP	SSTP patchcord 1 m - LSZH	10
CF6PL15GRP	SSTP patchcord 1,5 m - LSZH	10
CF6PL20GRP	SSTP patchcord 2 m - LSZH	10
CF6PL25GRP	SSTP patchcord 2,5 m - LSZH	10
CF6PL30GRP	SSTP patchcord 3 m - LSZH	10
CF6PL50GRP	SSTP patchcord 5 m - LSZH	5

Grey sheath – other colours available on request.



Jetlan6+

UTP jacks

These jacks were designed to provide characteristics above the requirements in Standards ANSI/TIA/EIA-568-B.2-1 Category 6 and ISO/IEC 11801 Class E. Both the exclusive contact type and the advanced printed circuit technology contribute to provide a high performance level.



SPECIFICATIONS

- Typical return loss values below 20 dB at 200 MHz provide a safety margin of 11 dB against the Category 6 requirements
- Certified UL 1863 (#E129878) and CSA (#LR 80837)
- Satisfy ISO/IEC 11801 and EN 50173.
- Internal contacts of Copper-Beryllium with a minimum of 50 micra of Gold plated on Nickel
- IDC 110 contacts with 100 micra of Lead-Tin alloy on Phosphorus Bronze
- Characteristics tested up to 350 MHz by ETL
- Headroom of 3 - 6 dB against Cat 6 specifications (channel)
- Universal contacts type alloying connections type T568a or T568B
- Keystone design available (CU6PJAKBLP)
- Metallic contacts

ORDERING INFORMATION

Code	Description	Packing
CU6PJACBLP	Category 6 jack, 110 connectors, white	25
CU6PJAKBLP	Category 6, 110 connectors, white, Keystone type	25

FTP jacks

Our FTP Category 6 jacks provide very good transmission characteristics, based on the technology used in the printed circuit boards, which are above the specified requirements. The 110 system allows the connection of solid conductors from 22 AWG to 26 AWG. The jack is fully screened, providing a total protection against electromagnetic interferences. The connectors are of Keystone type.

COMPLIANCES

- ANSI/TIA/EIA-568-A
- ANSI/TIA/EIA-568-A-2
- ANSI/TIA/EIA-568-A-5
- ISO/IEC 11801
- ANSI/TIA/EIA-568B.2-1 Cat. 6
- ISO/IEC 11801 2nd edition
- ETL certified



APPLICATIONS

- Voice (analogic and digital)
- 4 / 16 Mbps Token Ring
- 100 VG Anylan
- 100 Mbps TP-PMD
- 155 / 622 Mbps ATM
- 10BASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-T Gigabit Ethernet
- TIA PN 4657 Gigabit Ethernet on Cat 6 cabling

ORDERING INFORMATION

Code	Description	Packing (un./box)
CF6PJAC99P	FTP Category 6 jack, 110 connection	50

Accessories and tools

The JetLan 5e+ range of products includes a large number of accessories to improve cable management in cabinets and racks. It also includes all the tools required for the installation of structured cabling.

ORDERING INFORMATION

ACCESSORIES

Code	Description	Packing (units/pack)
CAMP2X5BLP	Shuttered module 25x50	10
CWLG451BLP	Shuttered module 45x45	10
CAMC2X5BLP	Blank plate 25x50	10
CAPP8X8BLP	Face plate 80x80, with 50x50 aperture	10
CMPANO1NGP	Blank panel 1U	5
CMPANO2NGP	Blank panel 2U	5
CMORG6LNGP	Blank management 1U - 5 rings	2
CMORGC1NGP	Blank management with cover 1U	1
CMORGC2NGP	Blank management with cover 2U	1
CMORGP1NGP	19" organizer 1U with 6 rings (Black or Grey)	2

CONNECTING TOOLS

Code	Description	Packing (units/pack)
CSPD11099P	Punch down tool with 110 blade	1
CSBL11099P	110 blade	1
CSBLSA99P	LSA blade	1

