


STRUCTURED CABLING SYSTEM

**Jet/an**



COMMUNICATION CABLES

**CABICTEL**



## One of the world's biggest companies in the sector

General Cable is a world leader in cable manufacture. The company has modern production facilities in North America, Europe and Oceania, employing more than 7 000 people throughout the world.

With a tradition lasting a hundred years, General Cable is one of the big historical companies of the sector, and through its activity it has contributed and still contributes decisively to the progress of society and to the improvement of the quality of life of people.

General Cable's range of cables is very broad and goes from energy to telecommunication cables, including electric, construction, data transmission, instrumentation, control and special cables, as well as high voltage cables. The sales of the Company are distributed throughout the world, based on three large geographic regions: North America, Europe and Oceania.

General Cable's strategy is based on three main principles: the Power of One (the capacity to become a supplier which meets all the needs of its customers), an excellent service for these customers and continuous improvement of productivity.

General Cable likewise bases its activities on a series of corporate values which guide all of its operations: customer satisfaction as an absolute priority; integrity in all of its actions; considering people as the main source of value; teamwork as a path to excellence; speed of delivery as a competitive advantage; and continuous improvement as a constant objective.

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A blurred night photograph of a busy city street. The image shows light trails from cars and pedestrians, creating a sense of motion and activity. The background is dark, with various colored lights (yellow, blue, orange) from vehicles and buildings. The overall effect is a dynamic and energetic urban scene.

**Jet/an5+**

# JetLan5+

## UTP patchcable Cat 5 (1 or 2 pairs, PVC sheath)



**DESCRIPTION:** These indoor cables are used in the manufacture of patchcords. They provide excellent characteristics for voice and data transmission in agreement with Category 5 requirements.

### CONSTRUCTION

Conductor	24 AWG (7x0,20 mm) stranded bare Copper
Insulation	Polyolefin (PE)
Pairing	Varying short pair lay-length
Sheath	Blue (RAL 5015) PVC (other colours under special order)

### APPLICATIONS

- 10BASE-T (IEEE 802.3)
- 4/16 Mbps Token Ring (IEEE 802.5)
- 100Base-VG-AnyLan
- 100 Mbps TP-PMD (ANSI X3T9.5)
- 100Base-T (IEEE 802.3)
- 55/155 Mbps ATM

### COMPLIANCES

ANSI/TIA/EIA 568A (Category 5)  
ISO / IEC 11801  
EN 50173

### PACKING

- 500 and 1000 m spools.

### COLOUR CODE

Pair no.	Colour combination	
1	white <input type="checkbox"/> blue <input type="checkbox"/>	blue <input type="checkbox"/>
2	white <input type="checkbox"/> orange <input type="checkbox"/>	orange <input type="checkbox"/>

### ELECTRICAL AND CONSTRUCTIVE VALUES

DC resistance (max) Ohm/100m(328 ft) @ 20°C	8,90	
Mutual capacitance (nominal) nF/100m(328 ft) @ 1kHz	4,5 - 5,6	
Characteristic impedance (Ohm) Value at	772 kHz	(min-max) 87 - 117
	1.0 - 200 MHz	85 - 115
Return Loss (RL) dB (min) Value at	1.0 - 10 MHz	23
	10 - 100 MHz	16-10 log(f/100)
External diameter (mm)	3,05 (1 Pair) - 4,50 (2 Pairs)	
Weight (kg/km)	11,5 (1 Pair) - 20,5 (2 Pairs)	
Minimum bending radius	4 x External diameter = 12,08 mm (1Pair) 4 x External diameter = 18mm (2 Pairs)	
Installation temperature (°C)	- 20 / +50	
Operating temperature (°C)	- 20 / +60	

Frequency MHz	Attenuation Max dB/100m	NEXT (2 pairs) dB/100m (min)
0,772	1,8	63
1	2,0	62
4	4,1	53
8	5,8	48
10	6,5	47
16	8,3	44
25	10,4	41
31,25	11,7	40
62,5	17,0	35
100	22,0	32

### ORDERING INFORMATION

Code	Pair/AWG	Sheath	Packing
550001DAZP	1/24	PVC, Blue	Spools 500 / 1.000 m
550002DAZP	2/24	PVC, Blue	Spools 500 / 1.000 m



## Connecting system 110

The connecting system proposed by General Cable is a flexible, reliable and economical solution for the installation of a telephony system.

Systems 110 are used to connect / structure communication installations at the main distribution boards or consolidation points. Specifically, systems 110 are used with voice and data applications in cases where the restricted space prevents the use of a rack or when a low cost solution is required together with the modularity of a distribution panel.

### 110 WIRING BLOCKS

Prepared for direct installation on walls (with legs) or applied on a metallic plate for 19" racks. Available with 50 or 100 pairs and with cable management system (with or without legs).

#### ORDERING INFORMATION

Code	Description	(un./box)
CSBM50N99P	Installation support for 50 pairs	1
CSBM50S99P	Installation support for 50 pairs with legs	1
CSBM10N99P	Installation support for 100 pairs	1
CSBM10S99P	Installation support for 100 pairs with legs	1
CSORGCN99P	Cable organizer	1
CSORGCS99P	Cable organizer with legs	1



### 110 CONNECTION BLOCKS

The General Cable 110 connection blocks are used in the termination of 22 to 26 AWG cables in 110 wiring blocks. They have IDC contacts and exist with 4 or 5 pairs.

#### ORDERING INFORMATION

Code	Description	(un./box)
CSBC00499P	Connection blocks (4 pairs)	20
CSBC00599P	Connection blocks (5 pairs)	20

### KIT FOR INSTALLATION IN "RACKS"

Designed for installation in 19" racks. Panels in special Steel (colour - black).

#### ORDERING INFORMATION

Code	Description	(un./box)
CSBP10N99P	19" panel with 2 blocks of 50 1U pairs	1
CSBP20N99P	19" panel with 2 blocks of 100 1U pairs	1
CSORGCP99P	19" panel with 2 1U cable organizers (without legs)	1



## PATCHCORDS

Modular 8-point patchcords 110 to 110 and 110 to RJ45 offer modularity and rapid connections in 110 connection blocks.

ORDERING INFORMATION			
	Code	Cords 110 CROSS CONNECT	(un./box)
Patchcords 1 pair	CSL110199P	110/110 de 1m	10
	CSL110299P	110/110 de 2m	10
	CSL110399P	110/110 de 3m	10
	CSL110499P	110/110 de 4m	10
	CSL110599P	110/110 de 5m	10
	CSLM10199P	110/RJ45 de 1m	10
	CSLM10299P	110/RJ45 de 2m	10
	CSLM10399P	110/RJ45 de 3m	10
	CSLM10499P	110/RJ45 de 4m	10
	CSLM10599P	110/RJ45 de 5m	10
Patchcords 2 pairs	CSL120199P	110/110 de 1m	10
	CSL120299P	110/110 de 2m	10
	CSL120399P	110/110 de 3m	10
	CSL120499P	110/110 de 4m	10
	CSL120599P	110/110 de 5m	10
	CSLM20199P	110/RJ45 de 1m	10
	CSLM20299P	110/RJ45 de 2m	10
	CSLM20399P	110/RJ45 de 3m	10
	CSLM20499P	110/RJ45 de 4m	10
	CSLM20599P	110/RJ45 de 5m	10

ORDERING INFORMATION			
	Code	Cords 110 CROSS CONNECT	(un./box)
Patchcords 3 pairs	CSL130199P	110/110 de 1m	10
	CSL130299P	110/110 de 2m	10
	CSL130399P	110/110 de 3m	10
	CSL130499P	110/110 de 4m	10
	CSL130599P	110/110 de 5m	10
	CSLM30199P	110/RJ45 de 1m	10
	CSLM30299P	110/RJ45 de 2m	10
	CSLM30399P	110/RJ45 de 3m	10
	CSLM30499P	110/RJ45 de 4m	10
	CSLM30599P	110/RJ45 de 5m	10
Patchcords 4 pairs	CSL140199P	110/110 de 1m	10
	CSL140299P	110/110 de 2m	10
	CSL140399P	110/110 de 3m	10
	CSL140499P	110/110 de 4m	10
	CSL140599P	110/110 de 5m	10
	CSLM40199P	110/RJ45 de 1m	10
	CSLM40299P	110/RJ45 de 2m	10
	CSLM40399P	110/RJ45 de 3m	10
	CSLM40499P	110/RJ45 de 4m	10
	CSLM40599P	110/RJ45 de 5m	10



## VOICE PATCHPANEL

50 port voice patchpanel with 19" 1U RJ45HD active pins 3-6/4-5. IDC connection type KATT.  
Applications: Basic telephony, ISDN, ADSL

ORDERING INFORMATION		
Code	Voice patchpanel	(un./box)
CU5PP50NGP	50 port panel	1

