



**HCS - HES Cabling Systems**

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## **HCS Newsletter**

*No. 43, Dated Thursday, 04 December, 2003*

### **HCS DataLine Cabinets and Enclosures**

HCS, the only Turkish manufacturer of state-of-the-art LAN cabling systems introduces **HCS DataLine**:

A wide range of high quality racks, cabinets and enclosures, specially designed for structured premise cabling in local area networks (LANs), including distribution and equipment cross connect cabinets and racks, splice boxes, climate control and many more components for both copper and fiber optic cabling systems.

**HCS DataLine** series includes the following products:

#### **HCS DataLine 10 Free Standing Cabinets**

Suitable for both office environments & equipment rooms.

#### **HCS DataLine 20 Wall Mount Cabinets**

Suitable mainly for SOHO (Small Office Home Office).

#### **HCS DataLine Cabinets Accessories**

Compatible with all HCS DataLine Cabinets, providing an extensive range of accessories making HCS DataLine Cabinets extremely versatile, user-friendly and efficient.

All **HCS DataLine** products have an attractive design combined with a long-lasting, solid & stable construction, guaranteed by the HCS DataLine Logo & Trademark.

*A detailed HCS DataLine brochure is attached.*

For more information on HCS please browse [www.hescs.com](http://www.hescs.com) which includes the [HCS Online Catalog](#) or contact our technical service centers in Turkish or in English ([Istanbul Center](#)).

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*HCS is the No.1 Turkish supplier of high- performance fiber optic and twisted pair LAN Cabling Systems.*

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### **HCS – HES Cabling Systems**

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*Connecting Networks*

## Free Standing Cabinets



## Description

HCS DataLine series includes a wide range of high quality racks, cabinets and enclosures, specially designed for structured premise cabling in local area networks (LANs), including distribution and equipment, cross connect cabinets and racks, splice boxes, climate control and many more components for both copper and fiber optic cabling systems.

HCS DataLine 10 Free Standing Cabinets are suitable for both office environments & equipment rooms, having an attractive design combined with a long-lasting, solid & stable construction, guaranteed by the HCS DataLine Logo & Trademark.

## Applications

The special design of HCS DataLine 10 Free Standing Cabinets allows the use of a large variety and types of accessories, including 19" panels, hubs and active equipment, fixed and/or sliding shelves, fan units, power strips, pulleys, grounding and potential equalization bus bars, lighting units, stacking kits, floor fixing kits, cable management panels, and many other 19" devices and accessories.

## Qualifications and Approvals

CS DataLine 10 Free Standing Cabinets are supported by HCS DoubleSafe™ QA Program and they comply to the following standards:

## General

- IEC 297-2
- DIN 41494
- IEC 60529 IP30

## Steel sheets

- DIN EN 10130-91
- EREGLI A1-1110

## Powder Coating

- DIN 67530
- ASTM D 2796
- ASTM D 3451

## Fan Unit

- EN 60439.1
- DIN VDE 0660

## Free Standing Cabinets

### Benefits & Features

- ✓ Solid and stable construction- providing support for large loads.
- ✓ Aesthetic & attractive design - for use in open office environments.
- ✓ Flat packed design option- providing minimal storage space and saving transportation costs.
- ✓ Large cable spaces - enabling easy and comfortable installation of many cables.
- ✓ Sophisticated cable channeling - enabling concealed cords routing.
- ✓ Clear u-marking inside the cabinets - enabling easy & simple profile installation planning.
- ✓ Removable side panels - enabling fast & easy cabinet stacking.
- ✓ Removable side, front and rear doors- allows using cabinet as a relay rack.
- ✓ Adjustable profile positioning inside the cabinets - enabling efficient installation of different size devices.
- ✓ Adjustable cable entry - providing comfortable multiple cable entry.
- ✓ Vented top cover- allows passive ventilation.

### General Properties

Material of construction	Steel sheets.
Paint and Color	Special steel finish with RAL 7035 electrostatic powder coat.
Front door	Smoked, secured and tempered glass, 4 mm. thick, reinforced with metal frame.
Door hinges	Interchangeable.
Side panels	Removable & lockable with slim latch.
Rear door	Removable and key lockable.
Top cover	Vented - 20mm spacing above the cabinet top.
Cable entries	Available on the left, right, bottom and top sides of the cabinet, brush protected.
19" profiles	Adjustable, 2 units available (one in the front, one in the back)
Cable channel	Available in the left and right sides through to entire cabinet height
Cable routing	Available in the front, left and right sides of the cabinet, through to entire cabinet height, completed with hinged cover
Front door lock	High quality lockable handle.
Leveling fit	Available

### Ordering Information

HCS P/N		Internal Height mm	External Dimension			Weight Kg	Notes
			Width mm	Depth mm	Height mm		
C10-02276	22U 19" Free standing cabinet	978	700	600	1141	53	
C10-02676	26U 19" Free standing cabinet	1156	700	600	1319	68	
C10-03276	32U 19" Free standing cabinet	1422	700	600	1585	83	
C10-03676	36U 19" Free standing cabinet	1600	700	600	1763	93	
C10-04276	42U 19" Free standing cabinet	1867	700	600	2030	107	
C10-04476	44U 19" Free standing cabinet	1956	700	600	2119	115	
C10-02276	22U 19" Free standing cabinet	978	700	800	1141	60	
C10-02676	26U 19" Free standing cabinet	1156	700	800	1319	75	
C10-03276	32U 19" Free standing cabinet	1422	700	800	1585	95	
C10-03676	36U 19" Free standing cabinet	1600	700	800	1763	106	
C10-04276	42U 19" Free standing cabinet	1867	700	800	2030	121	
C10-04476	44U 19" Free standing cabinet	1956	700	800	2119	130	

## Wall Mount Cabinets



### Description

HCS DataLine series includes a wide range of high quality racks, cabinets and enclosures, specially designed for structured premise cabling in local area networks (LANs), including distribution and equipment, cross connect cabinets and racks, splice boxes, climate control and many more components for both copper and fiber optic cabling systems.

HCS DataLine 20 Wall Mount Cabinets are suitable mainly for SOHO (Small Office Home Office) office environments & equipment rooms, having an attractive design combined with a long-lasting, solid & stable construction, guaranteed by the HCS DataLine Logo & Trademark

### Applications

The special design of HCS DataLine 20 Wall Mount Cabinets allows the use of a large variety and types of accessories, including 19" panels, hubs and active equipment, fixed and/or sliding shelves, fan units, power strips, pulleys, grounding and potential equalization bus bars, lighting units, stacking kits, floor fixing kits, cable management panels, and many other 19" devices and accessories.

### Qualifications and Approvals

HCS DataLine Wall Mount Cabinets are supported by HCS DoubleSafe™ QA Program and they comply to the following standards:

#### General

- IEC 297-2
- DIN 41494
- IEC 60529 IP30

#### Steel sheets

- DIN EN 10130-91
- EREGLI A1-1110

#### Powder Coating

- DIN 67530
- ASTM D 2796
- ASTM D 3451

#### Fan Unit

- EN 604
- DIN VD

## Wall Mount Cabinets

### Benefits & Features

- ✓ Solid and stable construction- providing support for large loads.
- ✓ Aesthetic & attractive design - for use in open office environments.
- ✓ Flat packed design option- providing minimal storage space and saving transportation costs.
- ✓ Large cable spaces - enabling easy and comfortable installation of many cables.
- ✓ Sophisticated cable channeling - enabling concealed cords routing.
- ✓ Clear u-marking inside the cabinets - enabling easy & simple profile installation planning.
- ✓ Removable side panels - enabling fast & easy cabinet stacking.
- ✓ Removable side, front and rear doors- allows using cabinet as a relay rack.
- ✓ Adjustable profile positioning inside the cabinets - enabling efficient installation of different size devices.
- ✓ Adjustable cable entry - providing comfortable multiple cable entry.
- ✓ Vented top cover- allows passive ventilation.
- ✓ Pulleys & leveling kits available - enabling installation as free-standing cabinets.

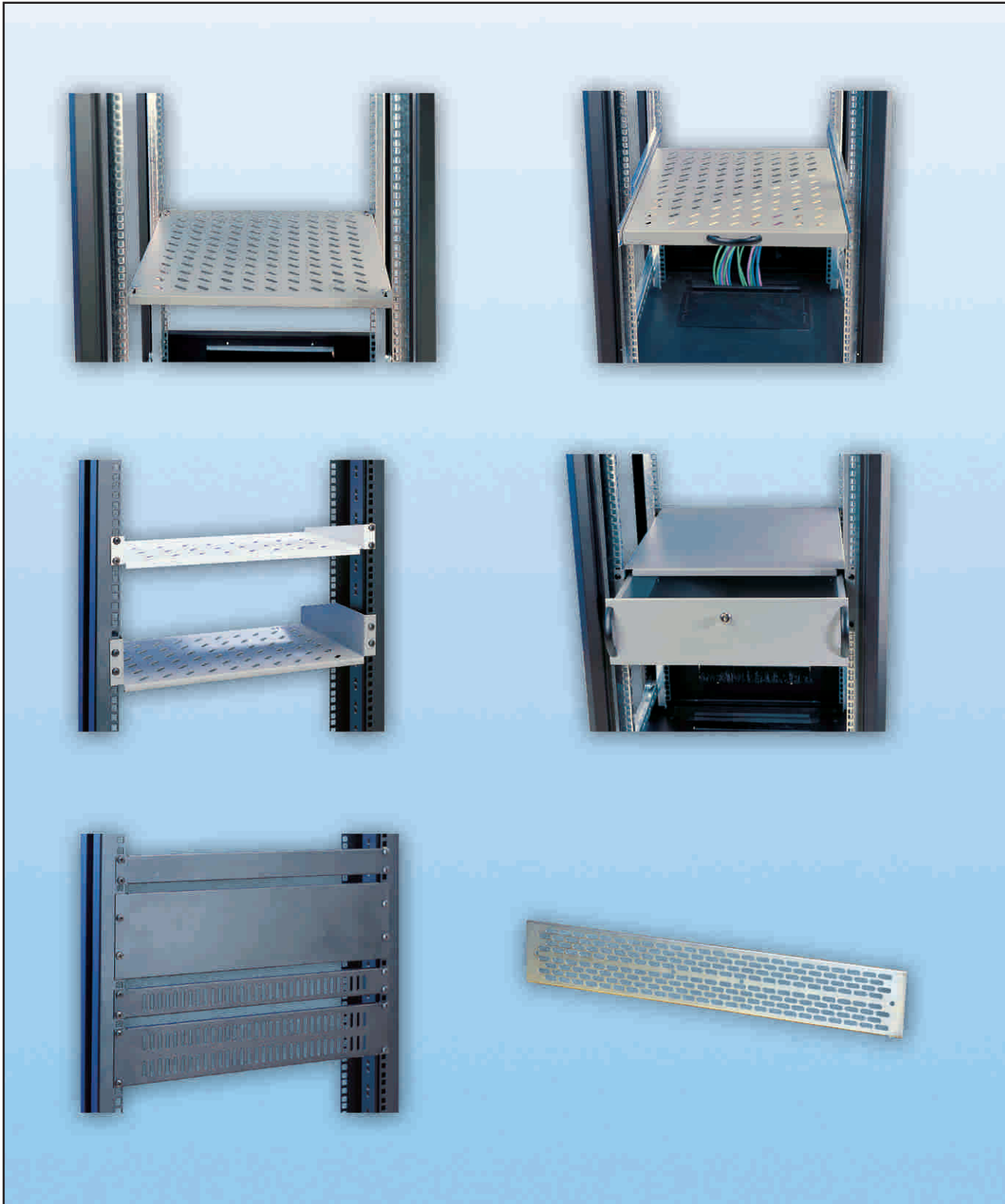
### General Properties

Material of construction	Steel sheets.
Paint and Color	Special steel finish with RAL 7035 electrostatic powder coat.
Front door	Smoked, secured and tempered glass, 4 mm. thick, reinforced with metal frame.
Door hinges	Interchangeable.
Side panels	Removable & lockable.
Rear panel	Removable mounting plate.
Top cover	Vented - 20mm spacing above the cabinet top.
Cable entries	Available on the top, bottom and rear sides of the cabinet, equipped with sliding elastomer mechanism.
19" profiles	Adjustable, 2 units available in the cabinet front.
Front door lock	Standard lock.
Leveling fit	Optional.

### Ordering Information

HCS P/N	Description	Internal Height mm	External Dimension			Weight Kg	Notes
			Width mm	Depth mm	Height mm		
C20-00764	7U 19" Wall mount cabinet	314	600	450	381	20	
C20-00964	9U 19" Wall mount cabinet	403	600	450	470	22,5	
C20-01264	12U 19" Wall mount cabinet	536	600	450	603	26	
C20-01664	16U 19" Wall mount cabinet	711	600	450	778	30	
C20-00765	7U 19" Wall mount cabinet	314	600	560	381	24	
C20-00965	9U 19" Wall mount cabinet	403	600	560	470	26	
C20-01265	12U 19" Wall mount cabinet	536	600	560	603	30	
C20-01665	16U 19" Wall mount cabinet	711	600	560	778	34	

## Cabinet Accessories

**Description**

HCS DataLine series includes a wide range of high quality racks, cabinets and enclosures, specially designed for structured premise cabling in local area networks (LANs), including distribution and equipment, cross connect cabinets and racks, splice boxes, climate control and many more components for both copper and fiber optic cabling systems.

HCS DataLine Cabinets Accessories are compatible with all HCS DataLine Cabinets, providing an extensive range of accessories making HCS DataLine Cabinets extremely versatile, user-friendly and efficient.

All HCS DataLine accessories have an attractive design combined with a long-lasting, solid & stable construction, guaranteed by the HCS DataLine Logo & Trademark.

**Applications**

The large variety of HCS DataLine Cabinets Accessories enables using HCS DataLine Cabinets for endless LAN and telephone applications, including copper and fiber optic cabling systems.



### Ordering information

HCS P/N	Description	Major Dimensions	Load Capacity	Additional items included	Notes
C00-00101	Fixed shelf, Vented sheet steel	600 mm depth	50 Kg nom.	Mounting units	
C00-00102	Fixed shelf, Vented sheet steel	800 mm depth	50 Kg nom.	Mounting units	
C00-00103	Sliding shelf, Vented sheet steel	600 mm depth	35 Kg nom.	Mounting units & handle	
C00-00104	Sliding shelf, Vented sheet steel	800 mm depth	35 Kg nom.	Mounting units & handle	
C00-00105	19" 1U rack mount shelf, Vented sheet steel	250 mm depth	10 Kg nom.	Mounting units	
C00-00106	19" 2U rack mount shelf, Vented sheet steel	270 mm depth	10 Kg nom.	Mounting units	
HCS P/N	Description	Nominal Air circulation		Additional items included	Notes
C00-00201	Cooling unit with 1 fan for wall-mounted cabinets	3.2 m <sup>3</sup> /minute		On/off switch	
C00-00202	Cooling unit with 2 fans for wall-mounted cabinets	6.4 m <sup>3</sup> /minute		On/off switch	
C00-00211	Cooling unit with 1 fan for free standing cabinets	3.2 m <sup>3</sup> /minute		On/off switch & power cords	
C00-00212	Cooling unit with 2 fans for free standing cabinets	6.4 m <sup>3</sup> /minute		On/off switch & power cords	
C00-00214	Cooling unit with 4 fans for free standing cabinets	12 m <sup>3</sup> /minute		On/off switch & power cords	
HCS P/N	Description	Temp. Range	Control type	Additional items included	Notes
C00-00301	Thermostat for air temperature control	0-35°C	On/Off	-	
HCS P/N	Description	Sockets	Grounding	Additional items included	Notes
C00-00403	3 way power strip with on/off switch & mounting plate	3	Yes	-	
C00-00406	6 way power strip with on/off switch & mounting plate	6	Yes	-	
C00-00413	3 way power outlet strip with on/off switch	3	Yes	Integral circuit breaker	
C00-00416	6 way power outlet strip with on/off switch	6	Yes	Integral circuit breaker	
C00-00419	9 way power outlet strip with on/off switch	9	Yes	Integral circuit breaker	

## Cabinet Accessories

## Ordering Information (cont.)

HCS P/N	Description	Qty	Max. Load	Additional items included	Notes
C00-00504	Set of 4 pivoting pulleys - 2 with breaking system	1	250 Kg Each	-	-
C00-00514	Set of 4 pivoting leveling screws	1	250 Kg Each	-	-
C00-00524	Set of 4 pulleys for wall mounted cabinets	1	-	-	-
HCS P/N	Description	Qty	Additional items included	Notes	
C00-00620	M6 nuts, cap washers and screws for mounting accessories	20 Each	-	-	-
HCS P/N	Description	Qty	Additional items included	Notes	
C00-00701	Grounding kit: Ground leads and equalizing bus-bar	1 Set	5 ground leads	-	-
HCS P/N	Description	Qty	Voltage & Power	Additional items included	Notes
C00-00801	Lighting fixture with manual on/off switch	1	220Vac, 35W	-	-
C00-00802	Lighting fixture with automatic door switch	1	220Vac, 35W	Door switch	-
HCS P/N	Description	Cable rings	Color	Material	Notes
C00-00901	1U 19" cable management panel with cable rings	5 Each	RAL 9005	Steel sheet	-
C00-00902	2U 19" cable management panel with cable rings	5 Each	RAL 9005	Steel sheet	-
C00-00911	1U 19" cable management panel	None	RAL 9005	Steel sheet	-
C00-00912	2U 19" cable management panel	None	RAL 9005	Steel sheet	-
HCS P/N	Description	Dimensions	Positioning	Additional items included	Notes
C00-01032	32U 19" Vertical cable management panel	800x800 mm	Left/Right	Closing covers	-
C00-01036	36U 19" Vertical cable management panel	800x800 mm	Left/Right	Closing covers	-
C00-01039	39U 19" Vertical cable management panel	800x800 mm	Left/Right	Closing covers	-
C00-01042	42U 19" Vertical cable management panel	800x800 mm	Left/Right	Closing covers	-
C00-01044	44U 19" Vertical cable management panel	800x800 mm	Left/Right	Closing covers	-
HCS P/N	Description	Material	Finish	Additional items included	Notes
C00-01116	16U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01120	20U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01126	26U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01132	32U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01136	36U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01139	39U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01142	42U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
C00-01144	44U Cable tray	Steel sheet	Galvanized	Punched for cable fixing	-
HCS P/N	Description	Material	Color	Additional items included	Notes
C00-01201	1U 19" Blank panel	Steel sheet	RAL 9005	-	-
C00-01202	2U 19" Blank panel	Steel sheet	RAL 9005	-	-
C00-01203	3U 19" Blank panel	Steel sheet	RAL 9005	-	-
C00-01206	6U 19" Blank panel	Steel sheet	RAL 9005	-	-
C00-01211	1U 19" Vented Blank panel	Steel sheet	RAL 9005	-	-
C00-01212	2U 19" Vented Blank panel	Steel sheet	RAL 9005	-	-
HCS P/N	Description	Material	Color	Additional items included	Notes
C00-01301	1U Cable management ring	Steel sheet	RAL 9005	-	-
HCS P/N	Description	Material	Color	Additional items included	Notes
C00-01403	3U 19" drawer with lock	Steel sheet	RAL 9005	Sliding shafts & handles	-
HCS P/N	Description	Material	Finish	Additional items included	Notes
C00-01501	L-shaped 90° support for 19" racks - 600 mm.	Steel sheet	Galvanized	-	-
C00-01502	L-shaped 90° support for 19" racks - 800 mm.	Steel sheet	Galvanized	-	-
C00-01503	Floor fixing kit	Steel sheet	Galvanized	-	-
C00-01504	Stacking kit	Steel sheet	Galvanized	-	-
HCS P/N	Description				Notes
C00-01603	3U 19" Distribution panel with Neutral & Ground bus bars, fuse holder, profile rail, cable support & cable fixing devices				-
HCS P/N	Description	Qty	Ampacity	Additional items included	Notes
C00-01701	Automatic miniature circuit breaker	1	16 A	-	-
C00-01703	Automatic miniature circuit breaker	3	16 A	-	-
HCS P/N	Description	Qty	Voltage & Ampacity	Additional items included	Notes
C00-01801	Power sockets	1	250Vac - 16 A	-	-