

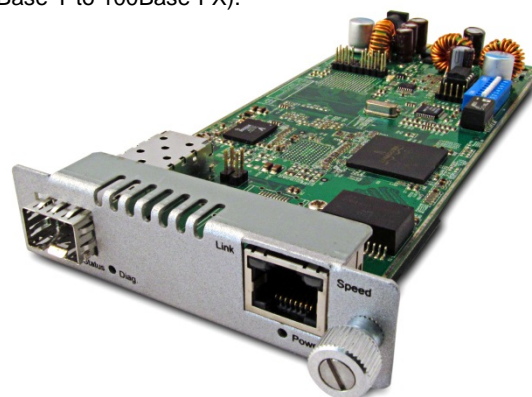
## D-Marc Ethernet Network Interface Linecard CR-DLXX05S1T1-0

### Overview

- The CR-DLXX05S1T1-0 is a manageable Ethernet network interface linecard to fit the emerging deployment needs of optical networks.
- The CR-DLXX05S1T1-0 is to be plugged to the CR-DCCH16 chassis.
- The CR-DLXX05S1T1-0 connects electrical Ethernet-based networks to optical networks easily and cost effectively.
- The CR-DLXX05S1T1-0 can be used in combination with the CR-DCXX05S1T1-0 as remote demarcation device.
- Management via SNMP or web interface.

### Applications

- Media conversion (10/100/1000Base-T to 1000Base-X or 10/100Base-T to 100Base-FX).
- Can be combined with wavelength division multiplexing.
- Demarcation.



### Maintenance levels

- Complies with IEEE 802.3 ah OAM standard.

### Features

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-T, IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-X (CR-DC1005S1T1-0).
- One 10/100/1000Base-T port (CR-DC1005S1T1-0) resp. 10/100Base-T port (CR-DC0105S1T1-0).
- 1000Base-X SFP port (CR-DC1005S1T1-0) resp. 100Base-FX SFP port (CR-DC0105S1T1-0).
- Store and forward switching mechanism.
- Auto crossover for MDI/MDIX in TP port.
- Auto negotiation in TP port.
- Supports Power/FDX/FX and TP link activity/FDX/TP speed/status/LED.
- Supports 128kb packet buffer
- Supports 4k MAC addresses
- Supports jumbo frame up to 9728 bytes.
- Complies with IEEE 802.1p Priority.
- Supports QoS Classification based on TOS.
- Supports Q-in-Q VLAN tunnelling.
- Supports bandwidth control.
- To be plugged to CR-DCCH16 chassis.
- Manageable via CR-DCCH16 chassis module management.
- Local port management function:
  - State monitor – model/media/link/speed/duplex/activity
  - Enhanced port monitor – Traffic counter/jitter and latency measurement
  - Port configuration – auto/speed/duplex/flow control/bandwidth control/broadcast storm
- Remote port management function:
  - State monitor – model/media/link/speed/duplex/activity/power
  - Port configuration – auto/speed/duplex/flow control
- Supports in-band module F/W upgrade.

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### Technical Specifications

<b>Optical Interface</b>	Interface Type	SFP
	Data Rate	1250Mbps
<b>Electrical Interface</b>	Connector	RJ45
	Data rate	10Mbps, 100Mbps, 1000Mbps (only CR-DL1005S1T1)
<b>Standards</b>	IEEE 802.3, IEEE 802.3u, IEEE 802.3ab (only CR-DL1005S1T1), IEEE 802.3z (only CR-DL1005S1T1), IEEE 802.1p, IEEE 802.1q, IEEE 802.3ah	
<b>LEDs</b>	Power, status, link, speed	
<b>Product Spec</b>	Jumbo Frame Size	9728k
	MAC address table	4k
	Memory buffer	128k
<b>Power</b>	Voltage requirement: DC 12V Power Consumption: 6W	
<b>Environment</b>	Temperature	0° – 50°C (Operating) -20° – 60°C (Storage)
	Humidity	5% – 90% non-condensing
<b>Power Consumption</b>	6W	
<b>Dimensions (WxDxH)</b>	8.6x22.4x192mm	
<b>Shipping Weight</b>	0.3kg	
<b>Certification</b>	CE, FCC Class A	

### Ordering Information

#### Order Code

CR-DL1005S1T1-	10/100/1000Base-T to 1000Base-X Ethernet Network Interface Linecard
CR-DL0105S1T1-	10/100Base-T to 100Base-FX Ethernet Network Interface Linecard

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is certified according to ISO 9001.

#### WAIVER

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.

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