

DATAMENA CROSS-CONNECT SERVICE SCHEDULE

This Schedule is applicable to a Service Order for datamena Cross-Connect Service(s) which has been submitted by Customer, and accepted by Supplier, in accordance with the Master Services Agreement or the online *General Terms and Conditions* (available from the datamena website at the following url: <http://www.datamena.com>) (collectively, the “Agreement”).

1. **Service Description.** The datamena Cross-connect Service provides a physical media cable between racks in the Transit Zone portion of a Supplier’s data centre. This Service does not provide data centre-to-data centre connectivity or cross the Transit Zone border.

2. **Definitions.** Capitalized words and phrases used in this Schedule, but not otherwise defined below shall have the meaning given to them in the Agreement.

Campus means the physical infrastructure separating one or more data centers within the Transit Zone.

Circuit means a point-to-point transmission channel provided by the Supplier, for the Customer’s use, for the conveyance of data and/or information services between the Supplier Network Termination Points;

DDF means Digital Distribution Frame;

POP means a point of presence, at Supplier’s premises;

Supplier Network Termination Point means the point at which the Supplier’s Network terminates on the Customer-facing side of the Supplier data centre as specified in the Service Order;

3. **Service Specifications.**

3.1. **Service Types:** The datamena Cross-Connect Service is provided in the following physical media types:

3.1.1. **Coax** – The co-axial cable utilises a BNC connector (Bayonet Neill-Concelman connector). This is typically used for a range of devices, including antenna and DS-3 circuits and cable TV. DS3 (Digital Signal 3), also referred to as T3/E3, is a true 75 ohm coax cable delivering 44.736 Mbps in both directions

3.1.1.1. **Maximum length:** Coax maximum service length is 90 meters

3.1.2. **UTP** – Unshielded Twisted Pair (UTP) is used in data networks for short and medium length connections. Supplier employs Cat6 as a

standard and may also, at its discretion, offer Cat5e types. RJ45 is the standard connector type.

3.1.2.1. **Cat5e:** Bandwidth up to 100 MHz. Typically used for Ethernet networks running at 10 or 100Mbps

3.1.2.2. **Cat6:** Bandwidth up to 250 MHz. Supplier offers this cabling type; however, the termination is implemented to Cat5e standards

3.1.2.3. **Maximum length:** UTP maximum service length is 90 meters

3.1.3. **Fiber:** Offered as single mode fiber.

3.1.3.1. **Single mode:** Able to support up to 12km with standard optics

3.1.3.2. **Connectors:** SC (default), LC connectors are offered as standard fiber termination option.

3.1.3.3. **Maximum length:** Single-mode maximum service length is 800 meters.

3.2. **Service Demarcation:** The Datacenter Cross-Connect Service is provided between:

3.2.1. **A-end:** Supplier’s demarcation patch panel in the Customer PoP located in a Campus within the Transit Zone portion of the Supplier’s data centre;

3.2.2. **B-end:** Supplier’s demarcation patch panel in the Customer PoP located either in the same Campus as the A-End or another Campus within the Transit Zone portion, as the case may be, of the same Supplier’s data centre;

Note: This Service cannot be installed or used to cross the boundary of a Transit Zone.

3.3. **Service Components:** The Datacenter Cross-Connect Service includes:

3.3.1. Passive media cable from A-end Supplier demarcation patch panel at Customer rack to

B-end Supplier demarcation patch panel at Customer rack.

3.4. Intra-Customer Cross-Connect: An Intra-Customer Cross-Connect is a standard Cross-Connect (either Coax, UTP or Fiber) provided to customers for the purpose of interconnecting their own non-contiguous equipment racks within the same Supplier's data centre. In the case of Intra-Customer Cross-Connects, both the A end rack and the B end rack are contracted to Supplier by one and the same customer legal entity

3.4.1. Intra-Customer Cross-Connects are not available in private cages

3.4.2. To qualify for Intra-Customer Cross-Connect, the company connected must be recognized by Supplier as the same legal entity at both ends of the service; in particular

3.4.2.1. Affiliates require custom approval by Supplier

3.4.2.2. Subsidiaries require custom approval by Supplier

3.5. Media Conversion: Media Conversion may be required for cases including, but not limited to:

3.5.1. Different types of interfaces at each end of the Cross-Connect

3.5.2. Length limitation on the requested type of media for the Cross-Connect

In such cases, Supplier will, at its discretion, decide if a media converter is required. In such cases, Supplier will quote separate installation fees and monthly recurring fees for the Media Conversion, in addition to providing a separate installation timeline for Media Conversion.