



General Tariff Information

Service Provider Name	Qatar National Broadband Network Company
Tariff Number	R-06
Product Family	Mass Network
Marketing Name of the Retail Offer	Connectivity to National Security equipment (C2NSE)
Tariff Type	Standard Permanent
Duration	Permanent
Customer Group	Retail (Business)
Tariff Effective Date	28 th November, 2025
Tariff Version Number	V1



1 Definitions

“Agreement” means the Agreement entered into between QNBN and the Customer for the supply, installation and related services of the Product. The Agreement comprises the Master Service Agreement, together with this Tariff Document. Additional schedules (addressing such as matters as operational details, civil works, etc.) may be agreed with the Customer;

“Business Day” means any day other than Friday, Saturday or a public holiday in the State of Qatar;

“C2NSE” Is a fiber connectivity between Access Street Cabinets within a Sub-Ring originated from a Distribution Street Cabinet and ends in another Distribution Street Cabinet, in which two fiber strands single connection serves the whole Sub-Ring.

“Calendar Day” or “Day” means any day of the week;

“Charge(s)” means the consideration payable by the Customer for the Products (including any ancillary goods or services) set out or referred to in the Tariff Document and/or the commercial offer;

“Connection” may refer to any one or all of the various passive fiber elements, links or Products, depending on the context;

“Communication Regulatory Authority” or “CRA” refers to the Communications Regulator of the State of Qatar; established by virtue of the Emiri Decree 42 of 2014.

“Coverage Area” means the territory of the State of Qatar where QNBN has deployed its network;

“Customer” means a Qualifying Person or Persons who takes a service from QNBN under its retail tariffs;

“Effective Date” means the date on which this Tariff is available to the general market;

“Fiber Termination Box” or “FTB” means a device used typically at the customer service location to terminate the end of a Wireline;

“License” means the telecommunication license issued by the CRA to QNBN and/or the Customer (as required by the context) pursuant to Decree Law No. (34) of 2006 on the promulgation of the Telecommunications Law in the State of Qatar;

“Master Service Agreement” means the document that describes QNBN’s General Terms and Conditions;

“Monthly Recurring Charges” refers to the charges the Customer shall pay for a given Product on a monthly basis computed from the beginning of the month (or part of month in which the Product is provided);



“Network” refers to a telecommunication system of a party which is used or intended to be used for telecommunications;

“Non-Recurring Charges” refers to the charges the Customer shall pay for a given Product on a one time basis only;

“Optical Distribution Frame” or **“ODF”** means the facility used typically at the CO, telecom room, and/or customer service location to terminate the end of a Wireline;

“Optical Line Terminal” or **“OLT”** to interconnect customer’s equipment at the Access Layer of the network. “Owned by the customer”

“Optical Network Unit” or **“ONU”** to interconnect customer’s National Security Equipment, to backhaul its traffic to the Distribution and Core devices “Owned by the customer”

“Outage” means any Product ceasing to function;

“Patching” means the patching service connecting two patching points in an ODF with an optical patch cord;

“Product” means any product and service as described in this Tariff Document for provisioning by QNBN;

“QNBN Point of Presence” or **PoP** means a third party location where the customer is present (e.g. data centre) and QNBN has the right to terminate its Product and the Customer to connect thereto;

“Ready for Service location” or **RFS** refers to premises or locations where QNBN offers to readily provision the Product to the telecom room of the Customer location and/or the specific Point of Presence;

“QAR” or **“Qatari Riyal”** means the currency of Qatar;

“Tariff Document” means this document;

“Term” means the initial term of the Agreement, or any extension thereof in writing;

“Wireline” means passive optical fiber cable deployed and owned by QNBN.



2 Tariff Terms and Conditions

This Tariff is for a permanent standard service.

This Tariff only applies to the Product as described in section 3 Product Description.

This Tariff is only applicable to QNBN retail Customers, as described in QNBN's License.

This Tariff will cease in case:

- QNBN publishes a new approved Tariff; or
- QNBN notifies and publishes the end of effectiveness of the Tariff.

QNBN may publish promotions or Product re-adjustments that would suspend or modify this Tariff as described in the applicable document.

The Product is only available within QNBN coverage area and the specific locations as defined by QNBN and confirmation to offer it shall be subject to a feasibility study. QNBN has no obligation to provide the Product outside of such area and locations.

The Product is only available with the features described in this Tariff. QNBN has no obligation to provide a Product with different features.

Should the Customer request and QNBN accept to provide an offer outside of the above said area and locations or with different features, such will be treated under specified terms and conditions.

These service terms and conditions are in addition to the terms and conditions specified in QNBN's Master Services Agreement.

3 Product Description

Is a fiber connectivity between Access Street Cabinets within a Sub-Ring originated from a Distribution Street Cabinet and ends in another Distribution Street Cabinet, in which two fiber strands single connection serves the whole Sub-Ring. The connection splits into two at each designated Access Street Cabinet (dropping one connection to interconnect an Optical Network Unit (ONU) at that cabinet to backhaul traffic from outdoor National Security Equipment, while the other connection continues to the next Access Street Cabinet within the Sub-Ring until it ends at another Distribution Street Cabinet where the Optical Line Terminal (OLT) is located;

This End to End Connectivity to National Security equipment (**C2NSE**) Product is a passive optical fiber product that allows the Customer to connect its outdoor National Security equipment within the QNBN Coverage Area in a purposely designed structure. The Product grants the use of two fiber strands with their full transmission media capacity.



This **C2NSE** Product is for use in projects requiring very substantial and significant rollout deployments in which large number of links are ordered, designed and built simultaneously. Furthermore, C2NSE link connects number of Access Street Cabinets as per Active equipment optical budget limitation. This product serves outdoor devices used by the Security Agencies under the National Security with fixed connectivity within a limited geographical area. Hence fiber count is significantly reduced by bringing the Access Street Cabinet in close proximity to the designated area, utilizing only single connection for a whole Sub-Ring and no indoor work is needed; this leads to major savings in capital expenditure and shorter delivery lead time. In QNBN, this is typically for projects with large number links on long term basis.

It is a condition to access this Product offering that the Customer orders a minimum of 500 links on long term basis, not less than five (5) years.

3.1 Product Structure

3.1.1 QNBN Network

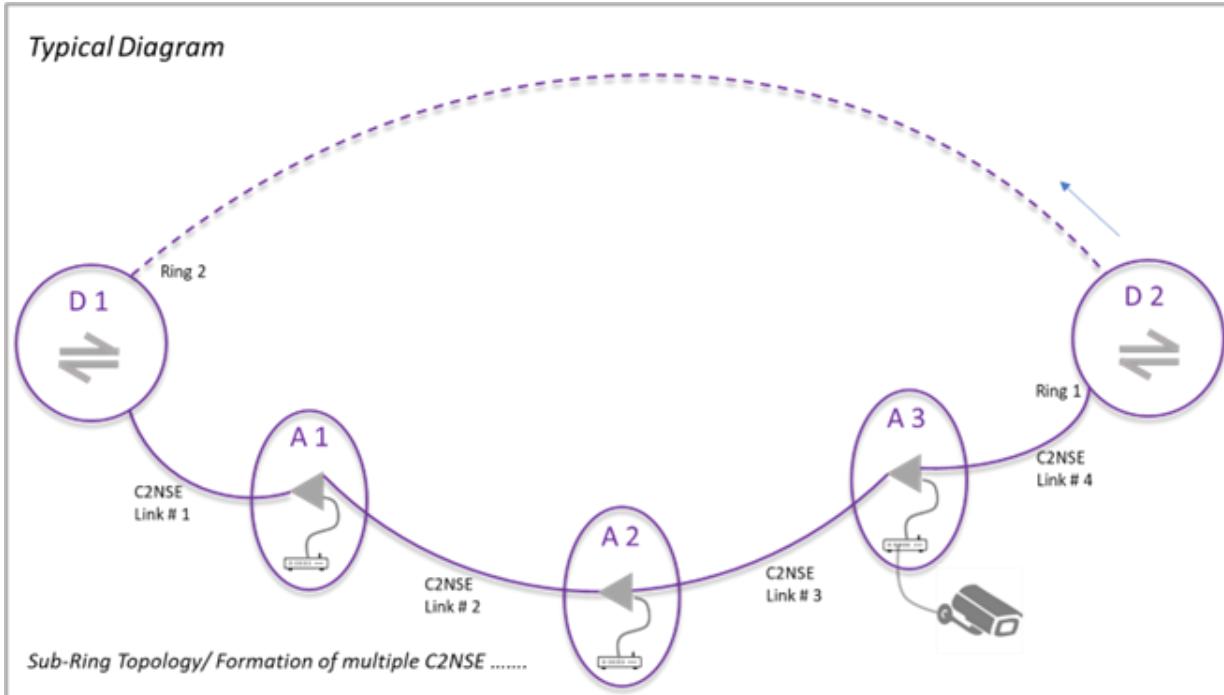
The QNBN passive optical fiber network comprises:

- a) The **C2NSE** product is located within a Sub-Ring,
- b) interconnects multiple Access Street Cabinets with one pair of fiber that splits into two connections at each Access Street Cabinet,
- c) one connection is dropped at the designated Access Street Cabinet while the second connection continues to the next Access Street Cabinet.
- d) The Sub-Ring originates from a Distribution Street Cabinet and ends at another Distribution Street Cabinet.

3.1.2 Product Configurations

To provide this End to End connectivity to National Security devices at an Access Street Cabinet between two service delivery locations within a Sub-Ring, QNBN will use, whenever applicable, single C2NSE links elements, with the required Patching in the network elements along the route, utilizing one pair of fiber. The diagram below shows the Product in a typical structure:

Connectivity to National Security equipment (C2NSE) Typical Diagram:



3.2 Demarcation Points

The Customer will have access to the Product at both Distribution Street Cabinet – where the customer Optical Line Terminals (OLT) are – and Access Street Cabinets – where the customer Optical Network Units (ONU) are.

Unless otherwise agreed with the Customer, the demarcation point will be an **ODF** or **FTB** placed in the Cabinet. In that case the ODF or FTB will be owned by QNBN.

No physical access shall be granted to the Customer to QNBN's ODF or FTB and the interface shall be terminated by QNBN staff at QNBN's ODF or FTB at both ends and handed over to the Customer for connecting to their National Security equipment.

3.3 Physical Interfaces and Acceptance Criteria

QNBN shall connect the Patch Cables using standard LC/APC (Angled Polished) connectors.

The acceptance criteria for the link shall be the optical power loss measurement as mentioned below.

The optical power loss of the fiber strands will be less than 0.3 dB per connector+ 0.7 dB/km of physical cable length (splice + cable loss).



To verify that the connections meet the specified optical performance criteria, testing will be conducted by QNBN at wavelengths of 1310 nm and 1550 nm.

3.4 Operational Matters

Provisioning, acceptance, handover, fault management, escalation, access policies, and other operational issues may be added in the Agreement.

This may include the following operational matters:

- i. QNBN operations and maintenance staff will be granted access to the Customer's service locations on 24x7 basis to provide support and O&M services.
- ii. The proposed implementation plan will be finalized after survey.
- iii. The Customer will support QNBN to secure access to both Customer locations telecom rooms and duct routes connecting telecom rooms to the outside plant.
- iv. The Customer is responsible for providing the patch cords and carrying out the fiber connectivity between Customer's telecom rooms (QNBN ODF) or QNBN FTB to the Customer equipment.
- v. QNBN assumes that each Customer location has internal ducts, access route and entry point to the telecom room for complete network delivery.
- vi. QNBN will provide the Customer with at least two (2) Business Days' notice for any planned activities that may cause an Outage.
- vii. In the event of a fault which requires carrying out planned QNBN maintenance activities for a permanent solution after a work around or a temporary fix or any other reason, QNBN will endeavor to notify the Customer as soon as reasonably practicable after becoming aware of the event and will also endeavor to provide the Customer with the links that will, or are likely to be, impacted by the activities; and the expected timeframes for the planned QNBN maintenance.

4 Product Charges

Recurring and Non-Recurring Charges applied to each element in the Product.

The Monthly Recurring Charges are monthly fees for the product rental applied to each C2NSE elements. The amount varies with the radial distance between the two ends of each link element.

Additional C2NSE link elements sharing the same physical route, end to end, for a given Product configuration, will be the same as the first connection on the same route.

The Non-Recurring Charges of the link elements are set-up charges related to the ordinary product ordering and provisioning and Customer specific charges as follows:



- i. Set-up charges related to the ordinary product ordering and provisioning;
- ii. Additional charges related to extra work necessary to provision the Customer, whenever necessary, to be determined on a case-by-case basis;
- iii. Patching charges for the connection of the different elements that compose the Product;
- iv. Disconnection charges related to work required for disconnecting the Product. The disconnection charges will be 50% the amount of the ordinary set-up charges.

4.1 Charges for C2NSE Link Elements

Basic Segment Pricing – Retail/ MassNet					
Customer	Segment	NRC	MRC	MRC	MRC
			0- <100 m	100- <500 m	500- <1000 m
Retail/ MassNet	C2NSE - 2F	2,100	330	990	1,320

4.2 Change of Location

In case of change of location of one of the service delivery locations of the Customer, and subject to feasibility, the Non-Recurring Charges that correspond to the new C2NSE link elements will apply. The Monthly Recurring Charges might be updated accordingly to the new link elements included or eliminated and the new segments of distance involved. Additional Patching charges for the reconfiguration of the connection will apply.

4.3 Project Specific Charges

Other charges, such as additional civil works, will be agreed separately with the Customer and are not part of this Tariff Document.



4.4 Minimum Service Period

The minimum service period for the Product is a term of five (5) years. Should the Customer terminate the rental of the Product before the end of the period commitment, the Customer shall pay the full charges outstanding for the remainder of such period commitment.

5 Tariff Version Control

Tariff Version Number	Effective Date	Tariff Modification
V1.0	28 November 2025	

*** End of Tariff **