VIKING
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DATA SHEET

Layer 2 Circuits

LINKS DEDICATED TO OPERATORS.

FULL TRANSPARENT AND PROTOCOL TRANSPARENT

MAXIMUM SECURITY OF COMPANY DATA

PROACTIVE MONITORING H24/7

GUARANTEED MINIMUM BANDWIDTH

Net:Lan

PURE LAYER 2 CAPACITY ETHERNET CIRCUIT ON MICROWAVE LINK.

Carrier Grade Ethernet binding provided on pure capacity Layer 2 point-to-point dedicated Microwave Circuit – protection available with diversified paths and differentiated PoPs – Full Transparent and Protocol Transparent, Symmetrical and Guaranteed Bandwidth (MGB= 100%), certified for VoIP services, Service Level Agreement SLA4 (recovery times within 4 hours), proactive monitoring 24/7, CPE and outdoor equipment on free loan with replacement in case of failure. Upon request Net-Lan is available compliant with MEF CE 2.0 standard. The service is released on delivery kits with 1Gbps and 10Gbps standard ports in the major PoPs and IXPs, as well as in over 30 Viking PoPs located throughout the country and, on project, where requested by the Operator.

Fiber:Lan

PURE LAYER 2 CAPACITY ETHERNET CIRCUIT ON DEDICATED FIBER OPTIC.

Carrier Grade Ethernet binding provided on pure capacity Layer 2 dedicated Fiber Optic Circuit – protection available with diversified paths and differentiated PoPs – Full Transparent and Protocol Transparent, Symmetrical and Guaranteed Bandwidth (MGB= 100%), certified for VoIP services, Service Level Agreement SLA10 (recovery times within 10 hours), proactive monitoring 24/7, CPE on free loan with replacement in case of failure. Upon request Fiber-Lan is available compliant with MEF CE 2.0 standard. The service is released on delivery kits with 1Gbps and 10Gbps standard ports in the major PoPs and IXPs, as well as in over 30 Viking PoPs located throughout the country and, on project, where requested by the Operator.

CUSTOMER'S HQ — **VIKING ON NET** — **PoP / IXP**

Bandwidth availability	10, 20, 30, 40, 50, 100, 150, 200, 300, 400, 500, 750 Mbps and 1 Gbps (higher capacities on project)
Link type	Carrier Grade Dedicated point-to-point Microwave link
Symmetric Bandwidth	100%
Guaranteed Bandwidth	MCR 100%
Bandwidth availability on customer site	100% Full Transparent 100% Protocol Transparent
SLA Level	4 Standard
Last Mile Availability Value	99,95%
Protected Circuit Last Mile Availability Value	99,99%
Equipment on free loan	CPE + outdoor Equipment
Additional services	· Circuit Protection · High Availability (H/A) · Higher SLA levels · Additional circuits ADD-ON · Technical site inspection in advance · Moving without service interruption · On Demand Upgrade of Bandwidth · Compliance with MEF CE 2.0 standard
Services included	· 24/7 proactive monitoring · Standard activation and installation · Testing and release of the circuit · CPE with replacement in case of failure

Bandwidth availability	50, 100, 200, 300 Mbps (higher capacities on project)
Link type	Dedicated PTP Fiber Optic
Symmetric Bandwidth	100%
Guaranteed Bandwidth	MCR 100%
Bandwidth availability on customer site	100% Full Transparent 100% Protocol Transparent
SLA Level	10 Standard
Equipment on free loan	CPE
Additional services	· Circuit Protection · High Availability (H/A) · Higher SLA levels · Additional circuits ADD-ON · Compliance with MEF CE 2.0 standard
Services included	· 24/7 proactive monitoring · Standard activation and installation · Testing and release of the circuit · CPE with replacement in case of failure

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VIKING OFFERS TELECOMMUNICATION SERVICES ON ITS OWN NETWORKS, BOTH OVER DEDICATED OPTICAL FIBER AND OVER POINT-TO-POINT MICROWAVE CIRCUITS IN CARRIER GRADE.

For over 20 years, Viking has been guaranteeing excellent quality connections throughout the country, without the involvement of third parties or external call centers.

This allows for control by highly qualified internal staff at all stages of planning, installation, monitoring, maintenance and technical support.

The continuous monitoring of the infrastructure allows us to always guarantee the operation and performance of the corporate network in any situation.

VIKING'S NUMBERS

35 POPS IN ITALY

250 HUB RADIO OVER TOWERS

OVER 2.100 RADIO LINKS PTP IN CARRIER GRADE

OVER 15.000 KM OF OPTICAL-FIBER

VIKING'S VALUE

Protected Bindings

Business Backup Data

SD-WAN

Disaster Recovery

Cybersecurity

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