

**Unmetered supply testing of:
Metroline Tri-Band Omni
For
Quickline Communications**

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Project number: C4320

Report number: C12950TR1

Issue Number: One

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation

Unmetered Supply Testing

Report reference No: C12950TR1

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Date of issue: 25 September 2018

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Applicants name: Quickline Communications

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Test item description:

Trademark:



Manufacturer: IgniteNet

Model and/or type reference: Metrolinq 10G Tri-Band Omni: ML-60-10G-360 with
Carrier POE Adapter: GME40B-480135FDA-2

Testing

Date of receipt of test item: 21 September 2018

Date(s) of performance of test.....: 25 September 2018

Product: Metrolinq 10G Tri-Band Omni		Model: ML-60-10G-360		Serial No: AI-16063752
Product: Carrier POE Adapter		Model: GME40B-480135FDA-2		Serial No: 1805-0000206
Power consumption test: P+D/OUT from PoE adapter connected to ETH PoE IN on Tri-Band Omni				
Voltage (V)	Current (A)	Watts (W)	VA	Power Factor
210	0.187	23.25	39.19	0.594
220	0.183	22.99	41.06	0.559
230	0.175	23.12	40.20	0.575
240	0.169	23.22	40.65	0.571
250	0.164	23.39	41.09	0.569

Product: Metrolinq 10G Tri-Band Omni		Model: ML-60-10G-360		Serial No: AI23049768
Product: Carrier POE Adapter		Model: GME40B-480135FDA-2		Serial No: 1805-0000201
Power consumption test: P+D/OUT from PoE adapter connected to ETH PoE IN on Tri-Band Omni				
Voltage (V)	Current (A)	Watts (W)	VA	Power Factor
210	0.186	23.75	39.57	0.602
220	0.189	23.42	42.71	0.544
230	0.180	23.82	40.51	0.560
240	0.178	23.51	42.92	0.553
250	0.171	23.61	43.36	0.545

Product: Metrolinq 10G Tri-Band Omni		Model: ML-60-10G-360		Serial No: AI16063908
Product: Carrier POE Adapter		Model: GME40B-480135FDA-2		Serial No: 1805-0000203
Power consumption test: P+D/OUT from PoE adapter connected to ETH PoE IN on Tri-Band Omni				
Voltage (V)	Current (A)	Watts (W)	VA	Power Factor
210	0.183	21.84	39.01	0.548
220	0.184	21.63	40.51	0.536
230	0.179	21.73	39.58	0.551
240	0.168	21.79	40.79	0.540
250	0.160	21.90	40.84	0.537

Product: Metrolinq 10G Tri-Band Omni		Model: ML-60-10G-360		Serial No: AI16063753
Product: Carrier POE Adapter		Model: GME40B-480135FDA-2		Serial No: 1805-0000198
Power consumption test: P+D/OUT from PoE adapter connected to ETH PoE IN on Tri-Band Omni				
Voltage (V)	Current (A)	Watts (W)	VA	Power Factor
210	0.175	20.52	36.94	0.561
220	0.170	20.98	37.69	0.557
230	0.166	20.79	38.93	0.536
240	0.163	20.89	39.82	0.523
250	0.153	20.95	38.67	0.537

Product: Metrolinq 10G Tri-Band Omni		Model: ML-60-10G-360		Serial No: AI16063829
Product: Carrier POE Adapter		Model: GME40B-480135FDA-2		Serial No: 1805-0000202
Power consumption test: P+D/OUT from PoE adapter connected to ETH PoE IN on Tri-Band Omni				
Voltage (V)	Current (A)	Watts (W)	VA	Power Factor
210	0.196	22.58	40.91	0.566
220	0.187	22.93	41.55	0.547
230	0.183	22.87	42.67	0.540
240	0.174	23.22	42.23	0.541
250	0.171	23.18	43.14	0.533

TABLE: – Test equipment list					-
Item	Type	Equipment No.	Calibration date		Comments
			Last ¹⁾	Due	
1)	Fluke 8808A Digital Multimeter	C0217	04/06/18	04/06/19	Used
2)	Voltech PM3000A Power Analyser	B0882	21/05/18	21/05/19	Used
3)	Claude Lyons TS-3 stabilised power supply	C0194	20/11/17	20/11/18	Used

COP No.	Samples tested	Serial No.	Date received
Cas 2 0505	IgniteNet Metrolineq 10G Tri-Band Omni	AI16063752	21/09/18
Cas 2 0506	Carrier POE Adapter GME40B-480135FDA-2	1805-0000206	21/09/18
Cas 2 0507	IgniteNet Metrolineq 10G Tri-Band Omni	AI23049768	21/09/18
Cas 2 0508	Carrier POE Adapter GME40B-480135FDA-2	1805-0000201	21/09/18
Cas 2 0509	IgniteNet Metrolineq 10G Tri-Band Omni	AI16063908	21/09/18
Cas 2 0510	Carrier POE Adapter GME40B-480135FDA-2	1805-0000203	21/09/18
Cas 2 0511	IgniteNet Metrolineq 10G Tri-Band Omni	AI16063753	21/09/18
Cas 2 0512	Carrier POE Adapter GME40B-480135FDA-2	1805-0000198	21/09/18
Cas 2 0513	IgniteNet Metrolineq 10G Tri-Band Omni	AI16063829	21/09/18
Cas 2 0514	Carrier POE Adapter GME40B-480135FDA-2	1805-0000202	21/09/18

Photographs



Metroling Tri-Band 10G Omni Unit



Base of unit with Carrier PoE Adapter