



**National Enhance Technology Corp.**

## **Test Report**

**Model Number : NV-802S**

**Product Name : 8Ports VDSL2 IP DSLAM**

**Test Type : Performance test**

**Test by : Aska**

**Approval by : Blake**

**Date : 2015/03/18**

## Table of Contents

<b>Test Environments:</b> .....	2
<b>Test conditions:</b> .....	2
<b>Test Procedure:</b> .....	2
<b>Compatibility Table:</b> .....	3
<b>1. NV-802S with NV-600R/NV-600RI Performance table</b> .....	5
<b>NV-802S with NV-600R series (Profile : 8A)</b> .....	5
<b>NV-802S with NV-600R series (Profile : 8B)</b> .....	6
<b>NV-802S with NV-600R series (Profile : 8C)</b> .....	7
<b>NV-802S with NV-600R series (Profile : 8D)</b> .....	8
<b>NV-802S with NV-600R series (Profile : 12A)</b> .....	9
<b>NV-802S with NV-600R series (Profile : 12B)</b> .....	10
<b>NV-802S with NV-600R series (Profile : 17A)</b> .....	12
<b>NV-802S with NV-600R series (Profile : 17B)</b> .....	13
<b>NV-802S with NV-600R series (Profile : 30A)</b> .....	14
<b>2. NV-802S with NV-600A/NV-600AI/NV-600W/NV-600WI Performance table</b> .....	15
<b>NV-802S with NV-600A series (Profile : 8A)</b> .....	15
<b>NV-802S with NV-600A series (Profile : 8B)</b> .....	16
<b>NV-802S with NV-600A series (Profile : 8C)</b> .....	17
<b>NV-802S with NV-600A series (Profile : 8D)</b> .....	19
<b>NV-802S with NV-600A series (Profile : 12A)</b> .....	20
<b>NV-802S with NV-600A series (Profile : 12B)</b> .....	21
<b>NV-802S with NV-600A series (Profile : 17A)</b> .....	22
<b>NV-802S with NV-600A series (Profile : 17B)</b> .....	23
<b>NV-802S with NV-600A series (Profile : 30A)</b> .....	24

◆ **Test Environments:**

Test Items	Descriptions
VDSL2 IP DSLAM x 1	NV-802S
CPE Device	NV-600R/NV-600RI
	NV-600A/NV-600AI/NV-600W/NV-600WI
Operation System	Windows XP
Ethernet Cable	Cat 5e. UTP RJ-45 8P8C Ethernet Cable
Loop Simulator	Simulator Card (24AWG)
Room temperature	25 degree C

◆ **Test conditions:**

Test Items	Descriptions
Noise injection	None
Tone mode	V43 (Default Value)
Max Interleave Delay	1 (Default Value)
Target SNRM	6 dB (Default Value)

◆ **Test Procedure:**

1. NV-802S connect to CPE Device.
2. Access the web management, then setting the band profile and band plan.
3. On the channel config page, it will show the US(Upstream) and DS(Downstream) information.
4. Gather the test data at interval of every 200 meter size as steps until the link can not be established.
5. Test the band profile and band plan from the profile setting table via web ui.

◆ **Compatibility Table:**

The following shows the band profile and band plan compatibility:

Band Profile List		Band Plan List	
<b>A0</b>	VDSL2 Profile8a	<b>B0</b>	Annex A M1_EU32
<b>A1</b>	VDSL2 Profile8b	<b>B1</b>	Annex A M9_EU64
<b>A2</b>	VDSL2 Profile8c	<b>B2</b>	Annex A EU128
<b>A3</b>	VDSL2 Profile8d	<b>B3</b>	Annex B 997-M1c-A-7
<b>A4</b>	VDSL2 Profile12a	<b>B4</b>	Annex B 997-M2x-A
<b>A5</b>	VDSL2 Profile12b	<b>B5</b>	Annex B 997-M2x-M
<b>A6</b>	VDSL2 Profile17a	<b>B6</b>	Annex B 998-M1x-A
<b>A7</b>	VDSL2 Profile30a	<b>B7</b>	Annex B 998-M1x-B
<b>A8</b>	VDSL2 Profile17b	<b>B8</b>	Annex B 998-M2x-A
		<b>B9</b>	Annex B 998-M2x-M
		<b>B10</b>	Annex B 998-M2x-B
		<b>B11</b>	Annex B 998-M2x-NUS0
		<b>B12</b>	Annex B 998e17-M2x-NUS0
		<b>B13</b>	Annex B 998ADE17-M2x-A
		<b>B14</b>	Annex B 998ADE30-M2x-NUS0-A
		<b>B15</b>	Annex C_A
		<b>B16</b>	Annex C_M
		<b>B17</b>	Annex C_8K

**NV-802S with NV-600R/NV-600RI Compatibility table:**

The following table shows the band profile and band plan compatibility.

Band Plan \ Band Profile	B0	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
<b>A0</b>	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
<b>A1</b>	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
<b>A2</b>	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	O
<b>A3</b>	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
<b>A4</b>	O	O	O	X	X	X	X	O	X	X	O	X	X	X	X	X	X	X
<b>A5</b>	O	O	O	X	O	O	X	O	X	O	X	O	X	X	X	O	O	O
<b>A6</b>	O	O	O	X	X	X	X	X	X	X	X	X	O	O	O	O	O	X
<b>A7</b>	O	X	O	X	X	X	X	X	X	X	X	X	X	X	O	X	X	O
<b>A8</b>	O	O	O	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X

**Note: O = Compatible; X = Not Compatible**

**NV-802S with NV-600A/AI/W/WI Compatibility table:**

The following table shows the band profile and band plan compatibility.

Band Plan Band Profile	B0	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12	B13	B14	B15	B16	B17
A0	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
A1	O	O	X	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
A2	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	O
A3	O	O	O	X	X	X	X	O	X	X	O	O	X	X	X	X	X	X
A4	O	O	O	X	X	X	X	O	X	X	O	X	X	X	X	X	X	X
A5	O	O	O	X	O	O	X	O	X	O	X	O	X	X	X	O	O	O
A6	O	O	O	X	X	X	X	X	X	X	X	X	O	O	O	O	O	O
A7	O	X	O	X	X	X	X	X	X	X	X	X	X	X	O	X	X	O
A8	O	O	O	X	X	X	X	X	X	X	X	X	X	O	X	X	X	X

**Note: O = Compatible; X = Not Compatible**

◆ 1. NV-802S with NV-600R/NV-600RI Performance table

■ NV-802S with NV-600R series (Profile : 8A)

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.33	78.44
200	5.04	76.43
300	4.71	75.04
400	2.59	68.09
600	3.78	65.08
800	1.45	52.76
1000	1.35	47.25
1200	1.05	33.73
1400	0.87	29.74

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	16.16	65.12
200	14.41	63.69
300	12.84	61.80
400	11.29	56.77
600	11.91	52.11
800	9.29	40.82
1000	7.25	35.34
1200	5.02	25.25
1400	4.66	22.27
1500	2.50	19.82

Annex B 998 M1x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.79	73.25
200	6.93	70.36
300	6.79	67.66
400	5.46	58.83
600	4.75	55.70
800	3.21	40.15
1000	2.76	36.48
1200	0.40	28.75
1300	0.76	28.23

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	26.2	74.51
200	21.6	71.51
300	22.0	69.80
400	15.4	60.96
600	13.1	58.07
800	7.8	46.42
1000	3.5	37.77
1200	2.9	27.55
1400	2.0	19.91
1500	0.9	17.20

Annex B 998 M2x NUSO		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.34	77.15
200	4.96	74.06
300	4.71	72.23
400	3.48	63.15
600	3.12	59.12
800	1.55	48.83
1000	1.20	41.11
1100	0.97	36.55

Annex B 998 M2x B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.09	76.77
200	5.59	74.05
300	4.75	71.83
400	4.54	64.09
600	3.82	59.94
800	2.81	48.15
1000	2.71	41.77
1200	1.21	32.16
1400	0.61	25.21
1600	0.59	20.38
1800	0.53	16.20
1900	0.50	14.19
2100	0.44	10.49

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**NV-802S with NV-600R series (Profile : 8B)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.21	78.10
200	6.38	77.23
300	6.42	78.35
400	5.84	75.20
600	4.39	69.63
800	2.88	57.59
1000	3.32	50.20
1200	1.23	35.05
1300	1.68	30.02

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.63	78.90
200	7.70	77.27
300	7.66	77.55
400	6.35	74.96
600	5.59	69.33
800	4.01	57.35
1000	2.68	46.53
1200	2.11	32.64
1400	0.73	24.83
1600	0.69	20.41
1800	0.64	16.00
1900	0.59	13.92
2100	0.5	10.59

Annex B 998 M2x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	21.5	78.70
200	25.0	78.62
300	23.5	77.03
400	22.1	70.85
600	21.5	66.60
800	11.7	56.66
1000	5.1	44.81
1200	3.4	33.43

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	17.44	65.32
200	16.98	65.66
300	16.29	64.61
400	15.35	61.08
600	14.33	53.65
800	11.75	44.30
1000	10.18	34.59
1200	6.44	25.32
1400	3.51	22.36
1600	2.30	18.50
1800	1.22	14.89
1900	1.08	13.36
2100	0.34	8.38

Annex B 998 M2x NUSO		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.96	78.43
200	6.95	78.64
300	6.24	78.25
400	6.01	75.34
600	6.05	67.80
800	3.49	56.79
1000	3.89	46.96
1200	1.24	34.23
1300	1.14	31.55

Annex B 998 M1x B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.73	79.65
200	9.24	78.71
300	8.97	77.24
400	8.15	74.08
600	8.22	63.53
800	6.39	52.91
1000	4.30	41.14
1200	1.81	30.91
1400	0.61	22.29
1600	0.55	18.30
1800	0.50	14.85
1900	0.47	13.43
2100	0.40	10.93

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600R series (Profile : 8C)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.01	81.20
200	7.76	80.43
300	7.86	78.70
400	6.60	76.11
600	6.31	69.24
800	5.91	58.95
1000	5.34	46.05
1200	5.01	31.38
1400	4.56	25.23
1600	0.69	22.08
1800	0.08	20.37

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	17.45	67.91
200	15.94	67.21
300	15.25	65.48
400	12.94	63.42
600	14.67	56.01
800	13.44	45.45
1000	11.70	34.07
1200	9.67	24.22
1400	7.43	19.77
1600	4.54	15.99
1800	3.27	12.87
1900	2.96	11.31
2100	1.63	8.05

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	12.40	77.52
200	11.91	76.83
300	11.95	73.77
400	10.17	71.34
600	9.04	62.86
800	9.12	52.10
1000	8.52	39.13
1200	7.82	25.80
1400	6.03	14.22
1600	3.34	10.54
1800	2.63	6.34
1900	2.78	4.84
2100	2.66	3.02

Annex B 998 M1x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.72	78.16
200	8.72	77.63
300	8.53	74.59
400	7.28	70.14
600	6.70	64.00
800	6.19	53.53
1000	5.76	42.52
1200	3.29	32.40
1400	1.57	20.82
1600	0.63	15.69
1800	0.61	11.52
1900	0.58	10.20
2100	0.55	7.29

Annex B 998 M2x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.77	80.51
200	8.78	79.04
300	8.66	77.16
400	7.14	74.39
600	7.04	66.24
800	6.43	56.80
1000	5.88	44.31
1200	4.95	30.67
1400	3.75	25.25
1600	0.64	15.48
1800	0.57	10.98
1900	0.58	8.45
2100	0.55	5.60

Annex B 998 M2x NUSO		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.86	80.88
200	7.54	79.77
300	7.41	78.20
400	6.88	75.98
600	5.86	68.10
800	5.18	58.21
1000	4.55	47.32
1200	3.79	33.82
1400	2.78	29.15
1500	0.60	26.75

Annex C 8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	17.43	66.98
200	16.46	66.48
300	16.36	64.84
400	15.77	62.87
600	14.84	56.28
800	12.43	47.02
1000	9.95	35.85
1200	7.49	26.88
1400	5.07	22.73



**■ NV-802S with NV-600R series (Profile : 8D)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.03	80.21
200	6.27	78.84
300	6.00	77.94
400	3.93	73.09
600	5.29	70.60
800	3.23	60.10
1000	2.64	49.18
1200	2.33	34.92
1400	2.27	28.42

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	16.93	66.29
200	13.75	65.32
300	14.06	63.79
400	13.07	61.47
600	13.32	55.59
800	11.29	45.91
1000	7.52	35.19
1200	7.29	27.32
1400	5.70	22.74
1600	3.13	19.71
1800	2.20	15.88
1900	2.26	13.83
2100	1.04	11.61

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	11.74	76.12
200	10.64	74.62
300	10.18	73.37
400	8.19	68.95
600	9.35	63.34
800	6.94	52.92
1000	6.43	43.32
1200	5.59	28.88
1400	5.32	17.14
1600	3.17	13.10
1800	2.95	9.93
1900	2.75	7.76
2100	2.43	4.85

Annex B 998 M1x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.14	75.58
200	7.91	73.76
300	7.62	71.03
400	6.06	65.48
600	6.61	61.61
800	4.95	50.51
1000	4.20	40.00
1200	2.14	31.38
1400	0.67	22.94
1600	0.63	17.84
1800	0.60	13.69
1900	0.56	12.01
2100	0.53	9.46

Annex B 998 M2x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.76	77.91
200	7.20	76.85
300	6.84	75.47
400	5.89	71.23
600	5.44	65.36
800	3.98	56.09
1000	3.50	46.14
1200	2.39	33.62
1400	1.66	24.29
1600	0.63	19.07

Annex B 998 M2x NUSO		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.60	87.80
200	28.50	85.70
300	27.80	84.20
400	20.30	77.70
600	18.70	69.00
800	11.90	53.60
1000	5.90	48.00
1200	2.90	38.30
1400	2.40	29.10

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600R series (Profile : 12A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.32	81.43
200	26.45	80.32
300	24.82	77.73
400	18.62	74.71
600	21.41	69.29
800	9.68	52.36
1000	3.03	48.64
1200	2.98	33.36
1400	2.49	28.79

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.83	80.82
200	28.58	79.55
300	27.36	77.14
400	20.80	73.71
600	23.57	66.02
800	10.57	51.12
1000	3.82	46.04
1200	3.81	31.45
1400	2.83	26.59
1600	0.65	19.40
1800	0.62	14.31
1900	0.60	12.14
2100	0.58	8.09

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.88	80.82
200	28.66	79.87
300	27.21	77.64
400	20.86	73.13
600	23.39	66.26
800	10.46	51.59
1000	6.83	44.20
1200	3.91	31.25
1400	2.59	26.64
1600	0.64	19.33
1800	0.64	14.16
1900	0.60	11.74
2100	0.55	8.04

Annex B 998 M1x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	33.77	76.93
200	29.83	74.24
300	28.64	71.22
400	23.86	65.11
600	22.86	59.78
800	8.50	48.96
1000	4.12	41.78
1200	2.11	31.55
1400	1.21	22.05
1600	0.62	17.37
1800	0.59	13.11
1900	0.56	11.81
2100	0.50	8.95

Annex B 998 M2x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.88	79.61
200	28.48	77.70
300	27.02	75.50
400	21.17	70.65
600	22.86	65.29
800	6.80	53.99
1000	3.51	45.45
1200	2.61	33.39
1400	2.00	23.54
1600	0.61	18.64
1800	0.57	14.16
1900	0.53	12.14
2100	0.50	8.28

**NV-802S with NV-600R series (Profile : 12B)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.29	81.31
200	26.35	80.72
300	24.58	78.34
400	18.54	74.61
600	21.29	69.55
800	9.65	52.53
1000	2.92	49.02
1200	2.88	33.78
1400	2.43	29.01

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.07	67.38
200	28.02	65.54
300	25.13	63.79
400	22.20	61.93
600	21.81	55.65
800	16.50	43.65
1000	12.54	35.54
1200	8.85	35.57
1400	6.40	22.65

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.27	66.12
200	27.91	65.68
300	26.46	64.27
400	23.17	61.31
600	23.09	55.11
800	16.60	43.47
1000	12.57	35.44
1200	9.17	24.65
1400	6.18	23.19

Annex B 997 M2x-A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	51.68	54.95
200	41.35	53.64
300	38.32	52.52
400	31.46	49.57
600	26.66	45.14
800	14.84	40.11
1000	5.08	35.41
1200	4.31	28.34
1400	4.27	25.41

Annex B 997 M2x-M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	51.34	54.25
200	43.23	53.16
300	40.68	51.70
400	32.77	47.39
600	33.93	45.87
800	14.20	38.39
1000	5.05	34.25
1200	4.18	27.64
1400	3.67	25.82

Annex B 998 M1x-B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	33.13	77.08
200	29.04	74.39
300	27.80	71.95
400	23.28	65.14
600	60.11	22.54
800	55.45	12.64
1000	3.75	40.70
1200	1.61	31.71

Annex B 998 M2x-M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.60	79.44
200	28.02	77.53
300	26.63	76.34
400	20.68	71.23
600	22.39	66.23
800	6.31	55.05
1000	3.10	45.53
1200	1.91	34.83
1400	0.91	32.60

Annex B 998 M2x NUSO		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.62	79.96
200	26.86	78.62
300	24.91	75.89
400	19.73	72.15
600	17.41	62.39
800	6.63	54.95
1000	2.87	47.93
1200	2.20	34.49
1400	1.22	32.18

Annex C_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	35.56	80.98
200	32.14	80.07
300	31.11	78.07
400	27.92	74.59
600	27.28	64.29
800	13.18	51.95
1000	6.64	41.12
1200	4.66	31.13
1400	1.99	26.38

■ Profile : 12B

Annex C_M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	35.52	80.50
200	33.36	80.11
300	32.56	77.81
400	29.40	72.87
600	27.95	63.97
800	13.52	51.65
1000	6.91	41.71
1200	4.69	31.06
1400	2.43	27.16

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	35.51	80.62
200	55.89	66.44
300	53.10	63.89
400	47.32	61.13
600	38.34	52.68
800	19.37	35.08
1000	12.88	33.58
1200	9.32	25.25
1300	6.25	23.94

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**NV-802S with NV-600R series (Profile : 17A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	28.94	100
200	22.12	100
300	21.11	100
400	17.60	100
600	17.88	82.93
800	10.04	47.26
1000	3.61	49.48
1200	3.74	31.66
1400	0.86	30.75

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	28.70	100
200	24.08	100
300	23.03	100
400	18.98	100
600	19.88	81.00
800	10.28	49.11
1000	4.09	48.97
1200	4.26	32.26
1300	2.21	31.01

Annex B 998E17_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	49.74	100
200	40.93	100
300	36.65	100
400	28.82	91.12
600	17.32	69.99
800	6.32	56.06
1000	3.18	47.05
1200	2.07	35.01

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	28.71	100
200	24.54	100
300	24.18	100
400	19.38	100
600	21.19	75.94
800	8.92	48.33
1000	4.02	44.38
1200	3.86	29.55
1400	0.76	29.32

Annex B 998ADE17_M2x_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.68	100
200	34.12	100
300	23.53	100
400	19.91	100
600	16.49	87.54
800	7.37	57.52
1000	4.66	48.55
1200	2.50	32.69

Annex B 998ADE30_M2x_NUS0_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	28.92	100
200	22.80	100
300	21.59	100
400	17.67	100
600	18.10	81.69
800	5.85	58.23
1000	3.11	46.50
1200	2.32	34.78

Annex C_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.04	100
200	24.34	100
300	23.00	100
400	21.07	100
600	19.46	79.64
800	18.03	55.00
1000	6.08	42.05
1200	1.92	32.46

Annex C_M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	29.73	100
200	26.07	100
300	24.73	100
400	22.36	100
600	12.38	67.38
800	8.32	54.56
1000	6.29	41.42
1200	1.53	31.45

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.01	100
200	28.11	100
300	27.61	100
400	24.73	100
600	20.56	72.82
800	9.06	50.61
1000	6.41	36.80
1200	1.93	27.26

■ NV-802S with NV-600R series (Profile : 17B)

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	29.4	100
200	25.0	100
300	23.5	100
400	18.0	100
600	17.7	82.95
800	6.8	48.77
1000	5.0	48.20
1200	3.4	32.28

Annex A M9_EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	29.30	100
200	24.66	100
300	23.66	100
400	19.65	100
600	19.43	76.18
800	9.38	28.65
1000	4.66	44.53
1200	5.48	28.63
1400	4.03	18.03
1600	0.71	15.61
1800	0.68	10.94
1900	0.66	8.53

Annex B 998ADE30 M2x NUS0 A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	29.43	100
200	23.48	100
300	23.54	100
400	19.07	100
600	19.97	77.22
800	10.73	48.21
1000	4.38	39.15
1200	5.59	28.98
1400	3.86	21.06
1600	0.71	15.61
1800	0.69	10.23
1900	0.67	8.82

Annex C_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	29.59	100
200	24.46	100
300	23.16	100
400	19.17	100
600	20.00	78.70
800	10.46	47.19
1000	4.66	45.92
1200	4.91	35.48
1400	5.14	29.50
1600	0.73	16.24
1800	0.69	11.12
1900	0.68	9.00

■ NV-802S with NV-600R series (Profile : 30A)

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	81.06	100
200	56.26	100
300	38.13	100
400	20.52	100
600	9.82	83.29
800	9.77	43.45
1000	3.80	43.56
1200	3.64	30.30
1300	3.30	27.58

Annex A M9_EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	80.86	100
200	58.53	100
300	41.88	100
400	23.68	100
600	17.62	78.39
800	11.11	40.95
1000	6.25	33.04
1200	3.63	26.85
1300	1.67	23.57

Annex B 998ADE30 M2x NUS0 A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	62.92	100
200	42.81	100
300	29.35	100
400	16.87	100
600	14.38	86.90
800	6.22	53.37
1000	4.14	41.68
1200	3.77	30.02
1300	2.06	28.27

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	100	100
200	100	100
300	75.84	100
400	43.51	95.84
600	18.48	66.13
800	7.68	40.74
1000	6.03	31.38
1200	3.84	26.39
1300	1.33	23.58

◆ **2. NV-802S with NV-600A/NV-600AI/NV-600W/NV-600WI Performance table**

■ **NV-802S with NV-600A series (Profile : 8A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.75	84.23
200	7.25	83.45
300	6.88	82.21
400	6.10	79.71
600	6.32	74.86
800	6.09	65.12
1000	5.69	51.29
1200	3.46	37.29
1400	0.61	32.40
1500	0.27	28.19

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	15.42	68.89
200	17.08	69.13
300	16.59	67.39
400	15.16	65.53
600	14.58	58.65
800	12.77	45.57
1000	10.41	37.47
1200	7.75	29.16
1400	4.89	24.66
1600	2.47	21.83
1800	1.46	17.29

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	10.73	79.80
200	10.28	77.68
300	9.79	77.63
400	9.09	75.02
600	9.08	69.56
800	8.81	58.73
1000	8.08	47.14
1200	5.23	34.11
1400	2.38	25.01
1600	1.85	15.85
1800	1.98	16.66
2000	1.73	15.69
2200	1.54	9.55
2400	1.24	8.97
2600	1.02	5.52

Annex B 998_M1x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.26	79.03
200	9.95	78.93
300	9.91	76.48
400	7.99	74.31
600	8.13	67.88
800	7.86	55.66
1000	5.78	45.46
1200	2.08	37.15
1400	0.58	30.09
1600	0.55	25.56
1800	0.50	21.04
2000	0.47	17.36

Annex B 998_M2x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.50	82.21
200	8.20	80.81
300	7.77	80.03
400	7.15	76.50
600	7.07	71.96
800	6.80	61.71
1000	4.98	42.39
1200	3.00	38.56
1400	0.89	31.64
1600	0.54	28.15
1800	0.50	23.82
2000	0.44	19.21
2200	0.38	15.25

Annex B 998_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.65	82.70
200	7.16	81.93
300	7.13	79.00
400	6.89	77.32
600	6.53	72.24
800	5.72	62.93
1000	5.79	49.94
1200	2.69	38.63
1400	0.48	33.79

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.



**■ NV-802S with NV-600A series (Profile : 8B)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.66	82.86
200	7.10	83.36
300	6.60	81.73
400	6.56	79.38
600	5.96	74.55
800	5.32	64.70
1000	5.08	51.15
1200	2.80	38.13
1400	0.45	30.80

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.44	83.55
200	7.91	81.70
300	7.56	81.18
400	7.40	78.71
600	7.11	73.88
800	6.03	64.60
1000	6.41	50.16
1200	3.59	37.34
1400	1.24	32.11
1600	0.66	26.30
1800	0.61	22.92
2000	0.55	18.65
2200	0.37	15.20

Annex B 998_M1x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.11	79.57
200	8.79	80.41
300	9.03	79.19
400	8.33	73.26
600	8.09	67.99
800	7.63	56.68
1000	5.43	46.63
1200	2.48	36.84
1400	0.57	30.19
1600	0.54	25.70
1800	0.49	20.12
2000	0.42	17.61

Annex B 998_M2x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.48	82.25
200	7.95	81.21
300	7.66	79.67
400	7.14	77.46
600	6.96	70.40
800	6.75	61.62
1000	6.04	50.34
1200	2.76	38.30
1400	0.77	33.80
1600	0.52	28.18
1800	0.48	24.09
2000	0.43	19.60
2100	0.39	17.37

Annex B 998_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	7.74	82.64
200	7.29	81.64
300	7.07	79.08
400	7.02	77.41
600	6.57	71.07
800	5.71	63.02
1000	5.79	49.85
1200	2.26	38.60
1400	0.40	34.03

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 8C)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.57	86.10
200	9.13	86.22
300	9.47	84.97
400	9.26	81.59
600	9.06	75.23
800	8.26	62.92
1000	8.41	45.52
1200	6.24	28.79
1400	4.20	23.91
1600	0.72	21.43

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	17.04	72.21
200	16.92	71.51
300	17.38	69.93
400	17.32	66.02
600	15.85	57.48
800	14.09	45.49
1000	12.46	33.75
1200	10.05	23.50
1400	7.21	19.63
1600	4.10	16.18
1800	2.63	13.07
2000	1.89	9.50

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	12.59	82.66
200	12.16	82.47
300	12.41	81.46
400	11.96	77.97
600	11.97	71.72
800	10.85	60.02
1000	10.95	41.60
1200	7.77	28.48
1400	5.99	22.16
1600	2.49	18.04
1800	2.21	12.45
2000	2.02	9.65
2200	1.91	6.67
2400	1.75	4.33
2600	1.46	2.19
2700	1.25	1.57

Annex B 998_M1x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	10.25	84.04
200	9.84	82.41
300	9.84	80.80
400	9.96	78.74
600	9.46	71.65
800	8.79	60.46
1000	7.06	47.25
1200	3.76	35.52
1400	1.46	27.46
1600	0.61	22.55
1800	0.60	18.34
2000	0.56	14.16
2100	0.56	12.22

Annex B 998_M2x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	10.26	85.52
200	9.71	85.23
300	9.64	83.87
400	9.27	80.81
600	9.25	73.93
800	9.11	61.32
1000	8.37	45.82
1200	5.23	32.43
1400	3.21	25.05
1600	0.96	20.10
1800	0.60	16.85
2000	0.58	12.71
2200	0.56	9.05
2400	0.53	6.53
2600	0.49	4.08

Annex B 998_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.27	85.80
200	8.92	85.89
300	8.98	84.56
400	8.89	80.73
600	8.76	75.13
800	8.02	64.00
1000	8.00	46.71
1200	4.90	33.57
1400	2.52	27.21

■ Profile : 8C

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	18.28	71.14
200	17.94	70.68
300	17.90	69.00
400	17.45	65.10
600	15.52	58.57
800	12.89	45.80
1000	9.82	36.38
1200	6.93	26.26
1300	5.88	23.87

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 8D)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.37	85.82
200	7.91	85.21
300	7.63	84.04
400	7.19	81.79
600	7.44	76.33
800	6.61	65.38
1000	6.59	50.34
1200	4.36	34.48
1400	1.60	27.99
1500	0.61	27.42

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	16.77	69.78
200	15.56	68.43
300	16.34	68.50
400	15.09	65.92
600	15.46	57.91
800	13.04	48.12
1000	11.17	37.32
1200	8.23	28.04
1400	5.25	24.29
1600	2.99	20.59
1800	2.07	16.23
2000	0.88	12.39

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	11.98	80.66
200	11.23	81.72
300	11.17	79.81
400	10.81	77.24
600	10.60	71.48
800	9.50	62.30
1000	7.60	46.27
1200	6.31	32.28
1400	4.65	24.20
1600	2.25	20.89
1800	1.91	16.49
2000	1.45	13.17
2200	1.52	9.49
2400	1.44	6.35
2600	0.75	3.96
2700	1.10	2.86

Annex B 998_M1x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.82	82.42
200	9.34	81.41
300	9.24	78.38
400	9.29	76.43
600	8.58	68.46
800	8.07	58.16
1000	6.32	47.05
1200	2.98	37.64
1400	0.98	29.73
1600	0.61	24.77
1800	0.57	20.42
2000	0.53	16.20

Annex B 998_M2x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	9.29	83.68
200	8.64	83.59
300	8.32	81.89
400	7.77	79.48
600	7.97	73.72
800	7.67	62.27
1000	7.00	50.80
1200	4.02	36.46
1400	1.52	30.41
1600	0.55	24.75
1800	0.58	19.91

Annex B 998_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	8.29	84.05
200	7.71	83.52
300	7.56	81.98
400	7.09	79.80
600	7.28	73.19
800	7.14	63.46
1000	6.47	50.63
1200	3.08	38.35
1400	0.85	32.43

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 12A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	33.81	85.93
200	31.45	86.41
300	30.66	85.16
400	30.03	81.60
600	29.34	63.84
800	14.61	48.47
1000	8.62	39.64
1200	5.06	31.14
1400	2.59	25.34
1500	0.46	24.66

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	34.75	85.85
200	32.48	85.64
300	31.81	84.60
400	30.49	80.42
600	30.06	64.58
800	15.46	47.35
1000	9.18	40.01
1200	5.28	30.96
1400	1.43	29.13
1600	0.61	24.56
1800	0.55	19.85
2000	0.53	14.90
2200	0.48	11.16

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	37.23	82.79
200	35.10	81.10
300	34.88	80.73
400	32.78	77.11
600	31.89	60.85
800	16.96	45.54
1000	10.66	37.76
1200	6.73	29.16
1400	4.17	23.43
1600	1.63	23.01
1800	1.39	19.92
2000	1.23	13.88
2200	1.08	10.01
2400	0.90	6.89
2500	0.71	5.56

Annex B 998_M1x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	36.93	82.83
200	35.16	82.45
300	34.93	80.95
400	32.75	76.08
600	32.26	60.70
800	11.93	51.52
1000	6.54	44.89
1200	3.39	34.93
1400	1.11	27.87
1600	0.59	23.33
1800	0.54	20.39
2000	0.52	15.99

Annex B 998_M2x_B		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	34.61	85.01
200	32.25	82.72
300	31.79	80.46
400	31.42	78.40
600	26.30	67.73
800	11.89	53.72
1000	7.69	45.71
1200	4.29	34.63
1400	1.79	29.75
1600	0.57	24.99
1800	0.53	20.37
2000	0.50	15.61
2200	0.46	11.86

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 12B)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	34.19	86.36
200	32.23	85.45
300	30.99	83.80
400	30.43	81.23
600	29.60	65.02
800	15.90	47.23
1000	6.72	43.71
1200	5.00	31.57
1400	2.13	26.30

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	31.00	71.26
200	30.21	68.59
300	28.93	66.68
400	28.04	64.07
600	25.86	55.05
800	18.73	43.02
1000	15.27	30.70
1200	10.97	25.38
1400	6.29	22.29

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	31.07	68.66
200	30.16	68.69
300	29.39	66.18
400	28.61	63.11
600	25.63	54.02
800	18.73	43.70
1000	15.39	31.46
1200	10.99	23.98
1400	6.53	21.96

Annex B 997_M2x_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	53.89	59.18
200	51.64	58.05
300	49.28	57.31
400	51.32	55.79
600	41.32	50.81
800	24.44	39.41
1000	13.13	36.36
1200	8.16	28.61
1400	4.74	24.46
1500	2.50	22.12

Annex B 997_M2x_M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	53.52	58.71
200	50.93	57.68
300	48.55	57.52
400	48.80	55.46
600	40.33	40.33
800	23.21	40.49
1000	12.64	36.13
1200	8.04	28.06
1400	4.39	23.61
1600	1.06	21.87

Annex B 998_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	34.34	85.46
200	32.54	82.88
300	30.46	82.37
400	30.66	79.49
600	24.73	68.23
800	12.78	52.04
1000	6.63	47.15
1200	4.09	33.14
1400	1.07	28.56

Annex C_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	38.19	85.93
200	37.30	84.79
300	36.83	83.98
400	36.83	76.26
600	29.48	60.73
800	17.69	46.72
1000	7.61	39.57
1200	4.63	29.35
1400	1.47	22.90

Annex C_M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	38.25	85.28
200	37.57	84.34
300	36.80	83.45
400	36.83	77.73
600	29.44	62.74
800	17.39	44.01
1000	7.56	38.75
1200	4.75	29.09
1400	1.44	22.90

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	60.44	70.78
200	60.75	68.84
300	57.67	66.21
400	51.75	60.98
600	39.43	50.55
800	24.89	36.25
1000	12.84	31.74
1200	8.89	22.89
1300	7.04	20.45

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 17A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	31.36	100
200	27.59	100
300	25.70	100
400	25.93	100
600	23.84	69.58
800	15.83	44.16
1000	7.55	40.72
1200	5.62	27.88
1400	1.12	25.37

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	31.23	100
200	28.56	100
300	26.04	100
400	25.51	100
600	23.83	70.09
800	15.95	44.76
1000	7.59	39.68
1200	5.69	30.58
1400	1.46	24.43

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.76	100
200	28.23	100
300	27.43	100
400	25.93	100
600	24.16	67.15
800	14.84	45.14
1000	7.43	39.07
1200	4.94	28.65
1400	0.79	24.74

Annex B 998E17_M2x_NUS0		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	50.86	100
200	45.69	100
300	41.14	100
400	38.64	92.05
600	25.44	69.90
800	12.86	51.11
1000	6.82	43.17
1200	4.13	32.70

Annex B 998ADE17_M2x_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.57	100
200	27.54	100
300	25.91	100
400	26.38	100
600	20.39	76.98
800	10.25	54.20
1000	6.91	48.38
1200	4.13	31.57
1400	0.36	28.64

Annex B 998ADE30_M2x_NUS0_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.58	100
200	27.59	100
300	26.00	100
400	26.21	100
600	20.54	74.34
800	10.11	54.12
1000	6.91	48.26
1200	4.04	33.51

Annex C_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.77	100
200	29.22	100
300	27.41	100
400	28.91	100
600	21.31	74.14
800	9.65	50.43
1000	7.54	37.72
1200	2.72	28.81
1300	0.84	27.61

Annex C_M		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	32.75	100
200	29.07	100
300	28.82	100
400	29.01	100
600	21.02	72.09
800	10.90	47.25
1000	6.98	39.20
1200	3.59	28.17

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	33.17	100
200	35.92	100
300	31.31	100
400	29.96	100
600	21.81	71.00
800	11.43	44.43
1000	6.86	36.00
1200	3.13	25.59

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.

**■ NV-802S with NV-600A series (Profile : 17B)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.78	100
200	27.27	100
300	26.21	100
400	25.74	100
600	23.82	69.32
800	15.62	45.64
1000	7.50	40.89
1200	5.68	27.38
1400	3.17	21.32

Annex A M9_EU64		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	31.89	100
200	28.11	100
300	27.87	100
400	26.06	100
600	26.60	67.19
800	15.00	46.42
1000	8.93	39.55
1200	3.49	30.52
1400	4.39	23.14
1600	0.66	22.34
1800	0.60	17.04
2000	0.61	12.48
2200	0.54	9.02
2300	0.56	7.04

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.84	100
200	27.95	100
300	26.44	100
400	25.88	100
600	23.70	70.26
800	15.43	43.42
1000	7.48	37.02
1200	5.88	25.45
1400	3.39	21.64

Annex B 998ADE17_M2x_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	30.28	100
200	27.30	100
300	25.66	100
400	26.25	100
600	20.50	76.71
800	10.23	52.94
1000	7.15	43.50
1200	4.48	30.36
1300	3.29	26.61

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.



**■ NV-802S with NV-600A series (Profile : 30A)**

Annex A M1_EU32		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	82.43	100
200	66.43	100
300	49.74	100
400	35.61	100
600	21.91	64.91
800	10.31	42.37
1000	4.07	35.53
1200	2.39	26.51
1300	1.23	22.30

Annex A EU128		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	82.92	100
200	68.72	100
300	54.65	100
400	38.03	100
600	23.53	60.93
800	11.10	39.09
1000	4.81	32.93
1200	2.52	23.28
1300	1.06	21.18

Annex B 998ADE30_M2x_NUS0_A		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	65.51	100
200	54.10	100
300	43.28	100
400	32.44	100
600	18.68	71.97
800	6.68	49.71
1000	4.23	41.04
1200	1.57	28.91
1300	0.47	26.13

Annex C_8K		
Cable Length (meters)	US [Mbps]	DS [Mbps]
100	100	100
200	100	100
300	97.25	100
400	65.81	82.14
600	20.39	58.63
800	9.35	39.91
1000	4.66	34.21
1200	1.72	23.52
1300	0.74	20.97

**Notes:**

- ◆ DS: Downstream; US: Upstream. Actual Data Rate Unit: Mbps
- ◆ The performance data above is for reference only, the actual data rate will vary depending on the quality of the copper wire and environment factors.