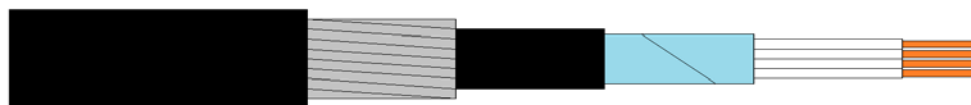


# **ENATS 09-6 ISSUE 8**

## **INDEX:**

---

- MULTICORE CABLES TO 06/1Kv.
- MULTIPAIR CABLES TO 5KV & 15KV.
- MULTIPAIR CABLES TO 100V.



## ENATS 09-6 ISSUE 6,7,8 MULTICORE

Cable	<b>Auxiliary Multicore and Multipair Cables</b>
Standard	<b>ENATS 09-6 Issue 8</b>
Voltage	<b>06/1KV</b>
Description	<b>Copper, Multi Core, PVC- Insulation, Armour, PVC Sheath</b>
Cable type	<b>ENATS 09-6 Issue 8 Multicore</b>

### Electrical data a 20°C

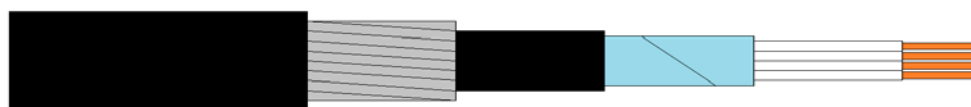
<b>Conductor size</b>	Nom	mm <sup>2</sup>	2,5
<b>Conductor resistance</b>	Max	Ω/km	
stranded / Class 2			7,41
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			9
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
Nominal equivalent star			440
<b>Test voltage</b>		V	
Ums core: core			5000

### Properties for cable

<b>Code Colour</b>	White numbered
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C



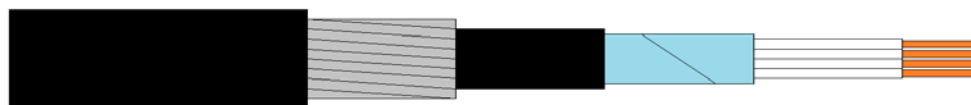
Nº Cores	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	2,50mm²/7	0,7	0,8	7,60	0,9	1,4	12,20	308	ENA8-2C1.5-5KV
3	2,50mm²/7	0,7	0,8	8,04	0,9	1,4	12,64	342	ENA8-3C1.5-5KV
4	2,50mm²/7	0,7	0,8	8,81	0,9	1,4	13,41	386	ENA8-4C1.5-5KV
7	2,50mm²/7	0,7	0,8	10,55	0,9	1,5	15,35	515	ENA8-7C1.5-5KV
12	2,50mm²/7	0,7	0,8	13,97	1,25	1,5	19,47	859	ENA8-12C1.5-5KV
19	2,50mm²/7	0,7	1,0	17,53	1,25	1,6	23,23	1202	ENA8-19C1.5-5KV
27	2,50mm²/7	0,7	1,0	20,51	1,6	1,7	27,11	1693	ENA8-27C1.5-5KV
37	2,50mm²/7	0,7	1,0	23,64	1,6	1,8	30,44	2107	ENA8-37C1.5-5KV

2	2,50mm²/7	0,7	0,8	8,50	0,9	1,4	13,10	364	ENA8-2C2.5-5KV
3	2,50mm²/7	0,7	0,8	9,01	0,9	1,4	13,61	408	ENA8-3C2.5-5KV
4	2,50mm²/7	0,7	0,8	9,89	0,9	1,4	14,49	469	ENA8-4C2.5-5KV
7	2,50mm²/7	0,7	0,8	11,90	1,25	1,5	17,40	716	ENA8-7C2.5-5KV
12	2,50mm²/7	0,7	0,8	15,84	1,25	1,6	21,54	1082	ENA8-12C2.5-5KV
19	2,50mm²/7	0,7	1,0	19,88	1,6	1,7	26,48	1685	ENA8-19C2.5-5KV
27	2,50mm²/7	0,7	1,0	23,32	1,6	1,8	30,12	2167	ENA8-27C2.5-5KV
37	2,50mm²/7	0,7	1,0	26,92	1,6	1,9	33,92	2731	ENA8-37C2.5-5KV

2	2,50mm²/7	0,7	0,8	9,60	0,9	1,4	14,20	441	ENA8-2C4-5KV
3	2,50mm²/7	0,7	0,8	10,19	0,9	1,4	14,79	499	ENA8-3C4-5KV
4	2,50mm²/7	0,7	0,8	11,22	0,9	1,5	16,02	589	ENA8-4C4-5KV
7	2,50mm²/7	0,7	0,8	13,55	1,25	1,5	19,05	900	ENA8-7C4-5KV
12	2,50mm²/7	0,7	1,0	18,53	1,25	1,6	24,23	1415	ENA8-12C4-5KV
19	2,50mm²/7	0,7	1,0	22,76	1,6	1,8	29,56	2173	ENA8-19C4-5KV
27	2,50mm²/7	0,7	1,0	26,075	1,6	1,9	33,75	2829	ENA8-27C4-5KV
37	2,50mm²/7	0,7	1,0	30,94	2	2,0	38,94	3846	ENA8-37C4-5KV

2	2,50mm²/7	0,7	0,8	10,70	0,9	1,5	15,50	531	ENA8-2C6-5KV
3	2,50mm²/7	0,7	0,8	11,38	0,9	1,5	16,18	609	ENA8-3C6-5KV
4	2,50mm²/7	0,7	0,8	12,55	1,25	1,5	18,05	809	ENA8-4C6-5KV
7	2,50mm²/7	0,7	0,8	15,20	1,25	1,6	20,90	1125	ENA8-7C6-5KV
12	2,50mm²/7	0,7	1,0	20,82	1,6	1,7	27,42	1932	ENA8-12C6-5KV
19	2,50mm²/7	0,7	1,0	25,64	1,6	1,8	32,44	2731	ENA8-19C6-5KV
27	2,50mm²/7	0,7	1,0	30,18	2	2,0	38,18	3847	ENA8-27C6-5KV
37	2,50mm²/7	0,7	1,0	34,95	2	2,1	43,15	4929	ENA8-37C6-5KV



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR 5KV

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	5KV
Description	Copper, Multi Pair, PE- Insulation, PE Inner Sheath, Armour, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair

### Electrical data a 20°C

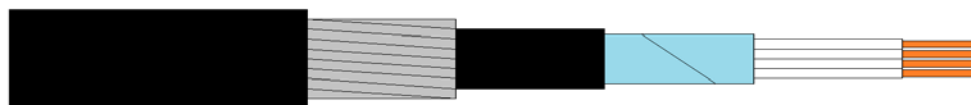
<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			9000
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
Nominal equivalent star			50
<b>Test voltage</b>		V	
Ums core: core			5000

### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C



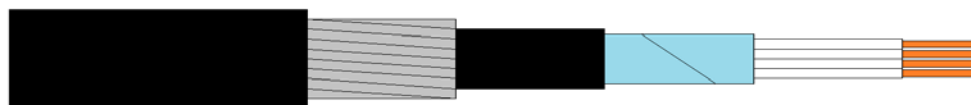
Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kgr/km	

4	0.5mm <sup>2</sup> /1	0,5	0,8	9,38	0,9	1,4	13,98	338	ENA8-4P05-5KV
7	0.5mm <sup>2</sup> /1	0,5	0,8	11,18	0,9	1,5	15,98	439	ENA8-7P05-5KV
19	0.5mm <sup>2</sup> /1	0,5	1,0	17,70	1,6	1,7	24,30	1071	ENA8-19P05-5KV
37	0.5mm <sup>2</sup> /1	0,5	1,0	23,75	1,6	1,9	30,75	1595	ENA8-37P05-5KV
61	0.5mm <sup>2</sup> /1	0,5	1,2	30,20	2	2,1	38,40	2505	ENA8-61P05-5KV

**Code colour ENATS 09-6 Issue 8 Table 1**

4 Pair Cable	1	Black	Violet
	2	Red	Yellow
	3	Green	Brown
	4	Blue	White

7 Pair Cable to 61 Pair Cable	1	Red	Yellow	32	Green	Brown
	2	Black	Violet	33	Red	Yellow
	3	Orange	Grey	34	Green	Brown
	4	Green	Brown	35	Red	Yellow
	5	Orange	Blue	36	Green	Brown
	6	Green	Brown	37	Blue	White
	7	Orange	White	38	Black	Violet
	8	Black	Violet	39	Red	Yellow
	9	Red	Yellow	40	Green	Brown
	10	Green	Brown	41	Red	Yellow
	11	Red	Yellow	42	Green	Brown
	12	Green	Brown	43	Red	Yellow
	13	Red	Yellow	44	Green	Brown
	14	Green	Brown	45	Red	Yellow
	15	Red	Yellow	46	Green	Brown
	16	Green	Brown	47	Red	Yellow
	17	Red	Yellow	48	Green	Brown
	18	Green	Brown	49	Red	Yellow
	19	Blue	White	50	Red	Yellow
	20	Black	Violet	51	Green	Brown
	21	Red	Yellow	52	Red	Yellow
	22	Green	Brown	53	Green	Brown
	23	Red	Yellow	54	Red	Yellow
	24	Green	Brown	55	Green	Brown
	25	Red	Yellow	56	Red	Yellow
	26	Green	Brown	57	Green	Brown
	27	Red	Yellow	58	Red	Yellow
	28	Green	Brown	59	Green	Brown
	29	Red	Yellow	60	Red	Yellow
	30	Green	Brown	61	Blue	White
	31	Red	Yellow			



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR 15KV

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	15KV
Description	Copper, Multi Pair, PE- Insulation, PE Inner Sheath, Armour, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair

### Electrical data a 20°C

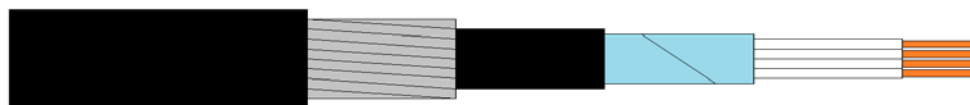
<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			9000
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
Nominal equivalent star			40
<b>Test voltage</b>		V	
Ums core: core			10000
Ums core: armour			15000

### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C



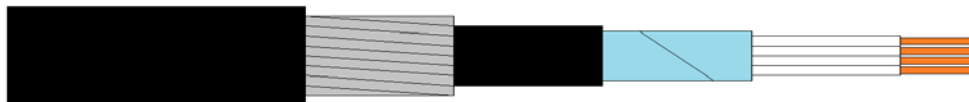
Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kgr/km	

4	0.5mm <sup>2</sup> /1	0,8	1,8	13,84	1,25	1,6	19,54	638	ENA8-4P05-15KV
7	0.5mm <sup>2</sup> /1	0,8	1,8	16,24	1,25	1,6	21,94	780	ENA8-7P05-15KV
19	0.5mm <sup>2</sup> /1	0,8	1,8	24,40	1,6	1,9	31,40	1539	ENA8-19P05-15KV
37	0.5mm <sup>2</sup> /1	0,8	1,8	32,46	2	2,1	40,66	2520	ENA8-37P05-15KV
61	0.5mm <sup>2</sup> /1	0,8	1,8	40,53	2,5	2,4	50,33	3870	ENA8-61P05-15KV

#### Code colour ENATS 09-6 Issue 8 Table 1

4 Pair Cable	1	Black	Violet
	2	Red	Yellow
	3	Green	Brown
	4	Blue	White

7 Pair Cable to 61 Pair Cable	1	Red	Yellow	32	Green	Brown
	2	Black	Violet	33	Red	Yellow
	3	Orange	Grey	34	Green	Brown
	4	Green	Brown	35	Red	Yellow
	5	Orange	Blue	36	Green	Brown
	6	Green	Brown	37	Blue	White
	7	Orange	White	38	Black	Violet
	8	Black	Violet	39	Red	Yellow
	9	Red	Yellow	40	Green	Brown
	10	Green	Brown	41	Red	Yellow
	11	Red	Yellow	42	Green	Brown
	12	Green	Brown	43	Red	Yellow
	13	Red	Yellow	44	Green	Brown
	14	Green	Brown	45	Red	Yellow
	15	Red	Yellow	46	Green	Brown
	16	Green	Brown	47	Red	Yellow
	17	Red	Yellow	48	Green	Brown
	18	Green	Brown	49	Red	Yellow
	19	Blue	White	50	Red	Yellow
	20	Black	Violet	51	Green	Brown
	21	Red	Yellow	52	Red	Yellow
	22	Green	Brown	53	Green	Brown
	23	Red	Yellow	54	Red	Yellow
	24	Green	Brown	55	Green	Brown
	25	Red	Yellow	56	Red	Yellow
	26	Green	Brown	57	Green	Brown
	27	Red	Yellow	58	Red	Yellow
	28	Green	Brown	59	Green	Brown
	29	Red	Yellow	60	Red	Yellow
	30	Green	Brown	61	Blue	White
	31	Red	Yellow			



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR FILLED 5KV

Cable	<b>Auxiliary Multicore and Multipair Cables</b>
Standard	<b>ENATS 09-6 Issue 8</b>
Voltage	<b>5KV</b>
Description	<b>Copper, Multi Pair, PE- Insulation, PJF, PE Inner Sheath, Armour, PVC Sheath</b>
Cable type	<b>ENATS 09-6 Issue 8 Multipair Filled</b>

### Electrical data a 20°C

<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			5000
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
Nominal equivalent star			60
<b>Test voltage</b>		V	
Ums core: core			5000

### Properties for cable

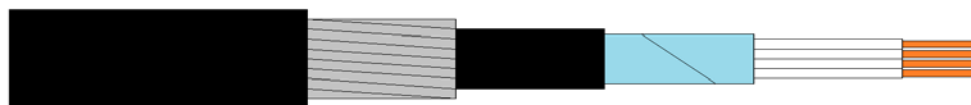
<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C







## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR FILLED 15KV

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	15KV
Description	Copper, Multi Pair, PE- Insulation, PJF, PE Inner Sheath, Armour, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Filled

### Electrical data a 20°C

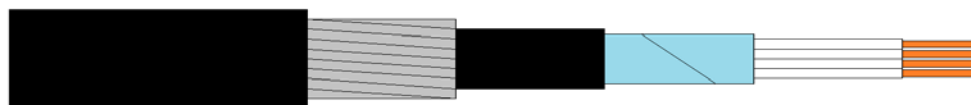
<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			5000
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
Nominal equivalent star			50
<b>Test voltage</b>		V	
Ums core: core			10000
Ums core: armour			15000

### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C



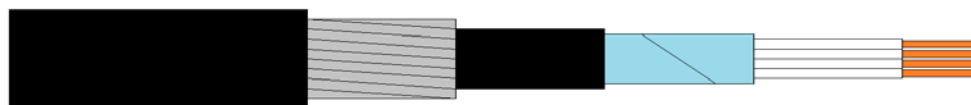
Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	

4	0.5mm²/1	0,8	1,8	14,04	1,25	1,6	19,74	674	ENA8-4P05-15KV-PJF
7	0.5mm²/1	0,8	1,8	16,44	1,25	1,6	22,14	837	ENA8-7P05-15KV-PJF
19	0.5mm²/1	0,8	1,8	24,60	1,6	1,9	31,60	1667	ENA8-19P05-15KV-PJF
37	0.5mm²/1	0,8	1,8	32,66	2	2,1	40,86	2795	ENA8-37P05-15KV-PJF
61	0.5mm²/1	0,8	1,8	40,73	2,5	2,4	50,53	4319	ENA8-61P05-15KV-PJF

**Code colour ENATS 09-6 Issue 8 Table 1**

4 Pair Cable	1	2	3	4
	Black	Red	Green	Blue
	Violet	Yellow	Brown	White

7 Pair Cable to 61 Pair Cable	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61
	Red	Black	Orange	Green	Orange	Green	Orange	Black	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Blue	Black	Red	Green	Red	Green	Red	Green	Red	Green	Blue	Black	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Red	Green	Blue	Red					
	Yellow	Violet	Grey	Brown	Blue	Brown	White	Violet	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	White	Violet	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	White	Violet	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	Yellow	Brown	White	Yellow					



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR ARMOUR PVC

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, PVC- Insulation, Armour, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

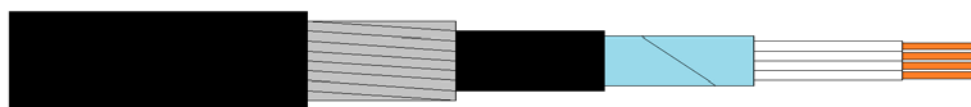
Conductor size	Nom	mm <sup>2</sup>	0,5
Conductor resistance	Max	Ω/km	
solid / Class 1			36
Insulation resistance	Min.	MΩxkm	
Individual conductor			80
Mutual capacitance 1kHz	Max.	nF/km	
core to core			150
Mutual inductance	Max.	μH/Ω	50
Test voltage		V	
Ums core: core			2000
Ums core: armour			5000

### Properties for cable

Code Colour	ENATS 09-6 Issue 8 * Table 1
Fire Resistant	N.A.
Flame Retardant	IEC 60332-3-24
Low Smoke Emission	N.A.
Other Properties	
Minimum Bending Radius	10 X O.D.

### Properties for outer sheath

Limiting Oxygen Index	N.A.
Amount of halogen acid gas	HCl<15%
Oil Resistance	N.A.
Sunlight Resistance	UL 1581 Section 1200
Temperature Installation	-5°C/50°C
Temperature Operating	-30°C/50°C



Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	
2	0.5mm²/1	0,3	0,8	5,27	0,9	1,3	9,67	200	ENA8-2P05-1AOG1B
5	0.5mm²/1	0,3	1,0	8,74	0,9	1,4	13,34	357	ENA8-5P05-1AOG1B
10	0.5mm²/1	0,3	1,1	11,46	1,25	1,5	16,96	597	ENA8-10P05-1AOG2B
20	0.5mm²/1	0,3	1,2	14,91	1,25	1,6	20,61	874	ENA8-20P05-1AOG2B
40	0.5mm²/1	0,3	1,4	23,86	1,6	1,8	30,66	1719	ENA8-40P05-1AOG3B
60	0.5mm²/1	0,3	1,6	25,84	1,6	2,0	33,04	2121	ENA8-60P05-1AOG3B
100	0.5mm²/1	0,3	1,9	32,18	2	2,2	40,58	3299	ENA8-100P05-1AOG4B

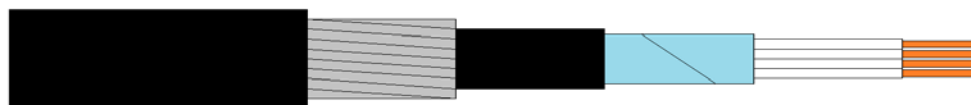
**Code colour ENATS 09-6 Issue 8 Table 1**

2 Pair Cable (quad)	1	White	Red	Blue	Orange	
5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR ARMOUR SCREEN LSZH

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, PVC- Insulation, Collective, Armour, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

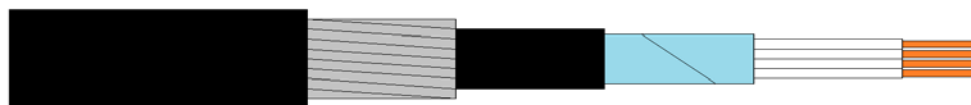
<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b> solid / Class 1	Max	Ω/km	36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			80
Screen and armour			1
<b>Mutual capacitance 1kHz</b> core to core	Max.	nF/km	150
<b>Mutual inductance</b>	Max.	μH/Ω	50
<b>Test voltage</b>		V	
Ums core: core			2000
Ums core: armour			2000

### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-24
<b>Low Smoke Emission</b>	N.A.
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	N.A.
<b>Amount of halogen acid gas</b>	HCl<15%
<b>Oil Resistance</b>	N.A.
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-5°C/50°C
<b>Temperature Operating</b>	-30°C/50°C



Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.5mm <sup>2</sup> /1	0,3	0,8	5,37	0,9	1,3	9,77	207	ENA8-2P05-1A1G1B
5	0.5mm <sup>2</sup> /1	0,3	1,0	8,84	0,9	1,4	13,44	364	ENA8-5P05-1A1G1B
10	0.5mm <sup>2</sup> /1	0,3	1,1	11,56	1,25	1,5	17,06	616	ENA8-10P05-1A1G2B
20	0.5mm <sup>2</sup> /1	0,3	1,2	15,01	1,25	1,6	20,71	887	ENA8-20P05-1A1G2B
40	0.5mm <sup>2</sup> /1	0,3	1,4	23,96	1,6	1,8	30,76	1731	ENA8-40P05-1A1G3B
60	0.5mm <sup>2</sup> /1	0,3	1,6	25,94	1,6	2,0	33,14	2134	ENA8-60P05-1A1G3B
100	0.5mm <sup>2</sup> /1	0,3	1,9	32,28	2	2,2	40,68	3314	ENA8-100P05-1A1G4B

**Code colour ENATS 09-6 Issue 8 Table 1**

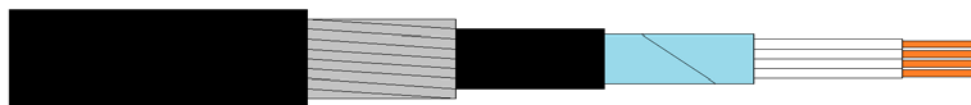
2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR ARMOUR LSZH

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, XLPE- Insulation, Armour, LSZH Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			80
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
core to core			150
<b>Mutual inductance</b>	Max.	μH/Ω	50
<b>Test voltage</b>		V	
Ums core: core			2000
Ums core: armour			5000

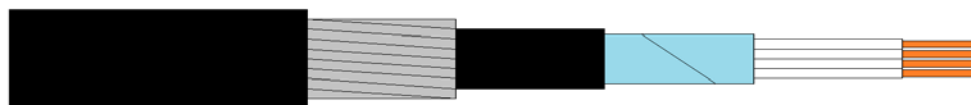
### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-22
<b>Low Smoke Emission</b>	IEC 61034-1-2 > 60%
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	LOI > 30%
<b>Amount of halogen acid gas</b>	IEC 60754-1 HCl<0.1%
<b>Oil Resistance</b>	ANSI/ICEA S-73-532 (4h, 70°C)
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-15°C/50°C
<b>Temperature Operating</b>	-40°C/50°C





Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.5mm²/1	0,3	0,8	5,27	0,9	1,3	9,67	195	ENA8-2P05-1D01J
5	0.5mm²/1	0,3	1,0	8,74	0,9	1,4	13,34	346	ENA8-5P05-1D01J
10	0.5mm²/1	0,3	1,1	11,46	1,25	1,5	16,96	578	ENA8-10P05-1D01J
20	0.5mm²/1	0,3	1,2	14,91	1,25	1,6	20,61	845	ENA8-20P05-1D01J
40	0.5mm²/1	0,3	1,4	23,86	1,6	1,8	30,66	1657	ENA8-40P05-1D01J
60	0.5mm²/1	0,3	1,6	25,84	1,6	2,0	33,04	2033	ENA8-60P05-1D01J
100	0.5mm²/1	0,3	1,9	32,18	2	2,2	40,58	3158	ENA8-100P05-1D01J

**Code colour ENATS 09-6 Issue 8 Table 1**

2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR ARMOUR SCREEN LSZH

Cable	Auxiliary Multicore and Multipair Cables
Standard	ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, XLPE- Insulation, Collective, Armour, LSZH Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

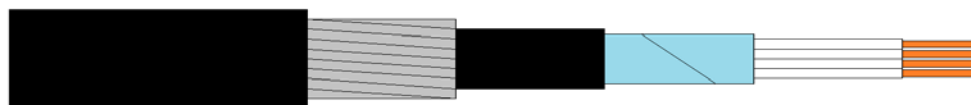
<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			80
Screen and armour			1
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
core to core			150
<b>Mutual inductance</b>	Max.	μH/Ω	50
<b>Test voltage</b>		V	
Ums core: core			2000
Ums core: armour			2000

### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-22
<b>Low Smoke Emission</b>	IEC 61034-1-2 > 60%
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	LOI > 30%
<b>Amount of halogen acid gas</b>	IEC 60754-1 HCl<0.1%
<b>Oil Resistance</b>	ANSI/ICEA S-73-532 (4h, 70°C)
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-15°C/50°C
<b>Temperature Operating</b>	-40°C/50°C



Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	Ø over inner sheath	Ø of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.5mm <sup>2</sup> /1	0,3	0,8	5,37	0,9	1,3	9,77	201	ENA8-2P05-1D11J
5	0.5mm <sup>2</sup> /1	0,3	1,0	8,84	0,9	1,4	13,44	356	ENA8-5P05-1D11J
10	0.5mm <sup>2</sup> /1	0,3	1,1	11,56	1,25	1,5	17,06	597	ENA8-10P05-1D12J
20	0.5mm <sup>2</sup> /1	0,3	1,2	15,01	1,25	1,6	20,71	854	ENA8-20P05-1D12J
40	0.5mm <sup>2</sup> /1	0,3	1,4	23,96	1,6	1,8	30,76	1669	ENA8-40P05-1D13J
60	0.5mm <sup>2</sup> /1	0,3	1,6	25,94	1,6	2,0	33,14	2046	ENA8-60P05-1D13J
100	0.5mm <sup>2</sup> /1	0,3	1,9	32,28	2	2,2	40,68	3173	ENA8-100P05-1D14J

**Code colour ENATS 09-6 Issue 8 Table 1**

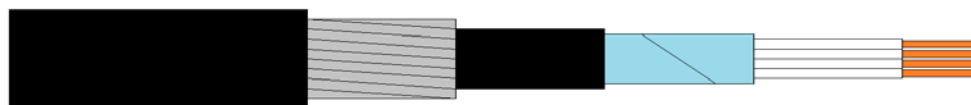
2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR PVC

Cable Standard	Auxiliary Multicore and Multipair Cables ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, PVC- Insulation, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

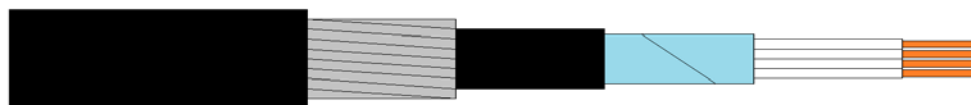
Conductor size	Nom	mm <sup>2</sup>	0,5
Conductor resistance	Max	Ω/km	
solid / Class 1			36
Insulation resistance	Min.	MΩxkm	
Individual conductor			80
Mutual capacitance 1kHz	Max.	nF/km	
core to core			150
Mutual inductance	Max.	μH/Ω	50
Test voltage		V	
Ums core: core			2000

### Properties for cable

Code Colour	ENATS 09-6 Issue 8 * Table 1
Fire Resistant	N.A.
Flame Retardant	IEC 60332-3-24
Low Smoke Emission	N.A.
Other Properties	
Minimum Bending Radius	10 X O.D.

### Properties for outer sheath

Limiting Oxygen Index	N.A.
Amount of halogen acid gas	HCl<15%
Oil Resistance	N.A.
Sunlight Resistance	UL 1581 Section 1200
Temperature Installation	-5°C/50°C
Temperature Operating	-30°C/50°C

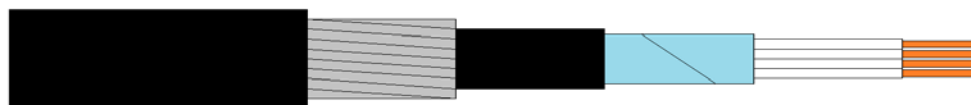


Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	∅ over inner sheath	∅ of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kgr/km	
2	0.5mm <sup>2</sup> /1	0,3	-	-	-	0,8	5,27	50	ENA8-2P05-1A0A0B
5	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,0	8,74	112	ENA8-5P05-1A0A0B
10	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,1	11,46	198	ENA8-10P05-1A0A0B
20	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,2	14,91	354	ENA8-20P05-1A0A0B
40	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,4	23,86	698	ENA8-40P05-1A0A0B
60	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,6	25,84	992	ENA8-60P05-1A0A0B
100	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,9	32,18	1606	ENA8-100P05-1A0A0B

**Code colour ENATS 09-6 Issue 8 Table 1**

2 Pair Cable (quad)	1	White	Red	Blue	Orange	
5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times  
 For 60 pairs cables – Pairs 1 to 20, three times  
 For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR SCREEN PVC

Cable Standard	Auxiliary Multicore and Multipair Cables ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, PVC- Insulation, Collective, PVC Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

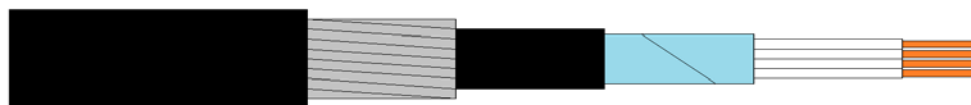
Conductor size	Nom	mm <sup>2</sup>	0,5
Conductor resistance solid / Class 1	Max	Ω/km	36
Insulation resistance Individual conductor	Min.	MΩxkm	80
Mutual capacitance 1kHz core to core	Max.	nF/km	150
Mutual inductance	Max.	μH/Ω	50
Test voltage Ums core: core		V	2000

### Properties for cable

Code Colour	ENATS 09-6 Issue 8 * Table 1
Fire Resistant	N.A.
Flame Retardant	IEC 60332-3-24
Low Smoke Emission	N.A.
Other Properties	
Minimum Bending Radius	10 X O.D.

### Properties for outer sheath

Limiting Oxygen Index	N.A.
Amount of halogen acid gas	HCl<15%
Oil Resistance	N.A.
Sunlight Resistance	UL 1581 Section 1200
Temperature Installation	-5°C/50°C
Temperature Operating	-30°C/50°C



Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	∅ over inner sheath	∅ of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kg/km	

2	0.5mm²/1	0,3	-	-	-	0,8	5,37	56	ENA8-2P05-1A1A0B
5	0.5mm²/1	0,3	-	-	-	1,0	8,84	119	ENA8-5P05-1A1A0B
10	0.5mm²/1	0,3	-	-	-	1,1	11,56	206	ENA8-10P05-1A1A0B
20	0.5mm²/1	0,3	-	-	-	1,2	15,01	363	ENA8-20P05-1A1A0B
40	0.5mm²/1	0,3	-	-	-	1,4	23,96	708	ENA8-40P05-1A1A0B
60	0.5mm²/1	0,3	-	-	-	1,6	25,94	1004	ENA8-60P05-1A1A0B
100	0.5mm²/1	0,3	-	-	-	1,9	32,28	1620	ENA8-100P05-1A1A0B

**Code colour ENATS 09-6 Issue 8 Table 1**

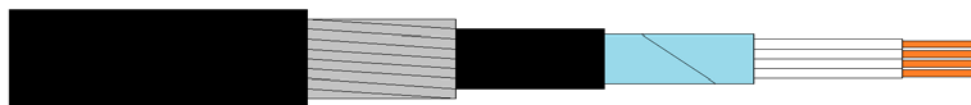
2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR LSZH

Cable Standard	<b>Auxiliary Multicore and Multipair Cables</b>
Voltage	<b>ENATS 09-6 Issue 8</b>
Description	<b>100V</b>
Cable type	<b>Copper, Multi Pair, XLPE- Insulation, LSZH Sheath</b>
	<b>ENATS 09-6 Issue 8 Multipair Light Current</b>

### Electrical data a 20°C

<b>Conductor size</b>	Nom	mm <sup>2</sup>	0,5
<b>Conductor resistance</b>	Max	Ω/km	
solid / Class 1			36
<b>Insulation resistance</b>	Min.	MΩxkm	
Individual conductor			80
<b>Mutual capacitance 1kHz</b>	Max.	nF/km	
core to core			150
<b>Mutual inductance</b>	Max.	μH/Ω	50
<b>Test voltage</b>		V	
Ums core: core			2000

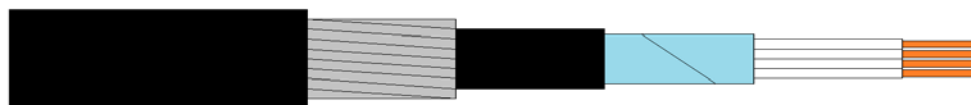
### Properties for cable

<b>Code Colour</b>	ENATS 09-6 Issue 8 * Table 1
<b>Fire Resistant</b>	N.A.
<b>Flame Retardant</b>	IEC 60332-3-22
<b>Low Smoke Emission</b>	IEC 61034-1-2 > 60%
<b>Other Properties</b>	
<b>Minimum Bending Radius</b>	10 X O.D.

### Properties for outer sheath

<b>Limiting Oxygen Index</b>	LOI > 30%
<b>Amount of halogen acid gas</b>	IEC 60754-1 HCl<0.1%
<b>Oil Resistance</b>	ANSI/ICEA S-73-532 (4h, 70°C)
<b>Sunlight Resistance</b>	UL 1581 Section 1200
<b>Temperature Installation</b>	-15°C/50°C
<b>Temperature Operating</b>	-40°C/50°C





Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	∅ over inner sheath	∅ of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm <sup>2</sup> /uds	mm	mm	mm	mm	mm	mm	kg/km	

2	0.5mm <sup>2</sup> /1	0,3	-	-	-	0,8	5,27	46	ENA8-2P05-1D0A0I
5	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,0	8,74	104	ENA8-5P05-1D0A0I
10	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,1	11,46	182	ENA8-10P05-1D0A0I
20	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,2	14,91	325	ENA8-20P05-1D0A0I
40	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,4	23,86	641	ENA8-40P05-1D0A0I
60	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,6	25,84	910	ENA8-60P05-1D0A0I
100	0.5mm <sup>2</sup> /1	0,3	-	-	-	1,9	32,18	1472	ENA8-100P05-1D0A0I

#### Code colour ENATS 09-6 Issue 8 Table 1

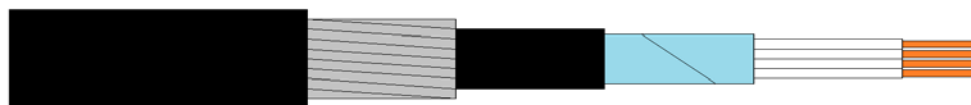
2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times



## ENATS 09-6 ISSUE 6,7,8 MULTIPAIR SCREEN LSZH

Cable Standard	Auxiliary Multicore and Multipair Cables ENATS 09-6 Issue 8
Voltage	100V
Description	Copper, Multi Pair, XLPE- Insulation, Collective, LSZH Sheath
Cable type	ENATS 09-6 Issue 8 Multipair Light Current

### Electrical data a 20°C

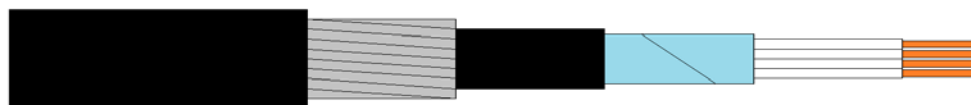
Conductor size	Nom	mm <sup>2</sup>	0,5
Conductor resistance	Max	Ω/km	
solid / Class 1			36
Insulation resistance	Min.	MΩxkm	
Individual conductor			80
Mutual capacitance 1kHz	Max.	nF/km	
core to core			150
Mutual inductance	Max.	μH/Ω	50
Test voltage		V	
Ums core: core			2000

### Properties for cable

Code Colour	ENATS 09-6 Issue 8 * Table 1
Fire Resistant	N.A.
Flame Retardant	IEC 60332-3-22
Low Smoke Emission	IEC 61034-1-2 > 60%
Other Properties	
Minimum Bending Radius	10 X O.D.

### Properties for outer sheath

Limiting Oxygen Index	LOI > 30%
Amount of halogen acid gas	IEC 60754-1 HCl<0.1%
Oil Resistance	ANSI/ICEA S-73-532 (4h, 70°C)
Sunlight Resistance	UL 1581 Section 1200
Temperature Installation	-15°C/50°C
Temperature Operating	-40°C/50°C



Nº Pairs	Cores	RT Insulation Nominal	RT Inner sheath	∅ over inner sheath	∅ of armour wire nom.	RT of outer sheath nom.	Overall diameter	Weight approx.	BTC CODE
uds	mm²/uds	mm	mm	mm	mm	mm	mm	kgr/km	

2	0.5mm²/1	0,3	-	-	-	0,8	5,37	52	ENA8-2P05-1D1A0I
5	0.5mm²/1	0,3	-	-	-	1,0	8,84	111	ENA8-5P05-1D1A0I
10	0.5mm²/1	0,3	-	-	-	1,1	11,56	190	ENA8-10P05-1D1A0I
20	0.5mm²/1	0,3	-	-	-	1,2	15,01	334	ENA8-20P05-1D1A0I
40	0.5mm²/1	0,3	-	-	-	1,4	23,96	653	ENA8-40P05-1D1A0I
60	0.5mm²/1	0,3	-	-	-	1,6	25,94	922	ENA8-60P05-1D1A0I
100	0.5mm²/1	0,3	-	-	-	1,9	32,28	1486	ENA8-100P05-1D1A0I

**Code colour ENATS 09-6 Issue 8 Table 1**

2 Pair Cable (quad)	1	White	Red	Blue	Orange
---------------------	---	-------	-----	------	--------

5 Pair Cables to 20 Pair Cables	1	White	Blue	11	Black	Blue
	2	White	Orange	12	Black	Orange
	3	White	Green	13	Black	Green
	4	White	Brown	14	Black	Brown
	5	White	Grey	15	Black	Grey
	6	Red	Blue	16	Yellow	Blue
	7	Red	Orange	17	Yellow	Orange
	8	Red	Green	18	Yellow	Green
	9	Red	Brown	19	Yellow	Brown
	10	Red	Grey	20	Yellow	Grey

For 40 pairs cables – Pairs 1 to 20, two times

For 60 pairs cables – Pairs 1 to 20, three times

For 100 pairs cables – Pairs 1 to 20, five times