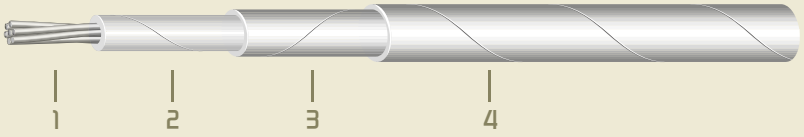
Single wires

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape.
Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:
- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km		
ESCC 3901 019 01*	30	7X0.102 SPCA	0.32	0.057	375	0.78	0.98
ESCC 3901 019 02	28	7X0.127 SPCA	0.47	0.09	253	0.87	1.40
ESCC 3901 019 03	26	19X0.10 SPCA	0.57	0.15	157	0.96	1.90
ESCC 3901 019 04	24	19X0.12 SPCA	0.58	0.25	111	1.13	2.60
ESCC 3901 019 05	22	19X0.15 SPC	0.76	0.40	58	1.25	3.90
ESCC 3901 019 06	20	19X0.20 SPC	0.99	0.60	32	1.48	6.40
ESCC 3901 019 07	16	19X0.30 SPC	1.49	1.20	14	1.98	13.00
ESCC 3901 019 08	12	37X0.32 SPC	2.18	3.00	7	2.73	27.00

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

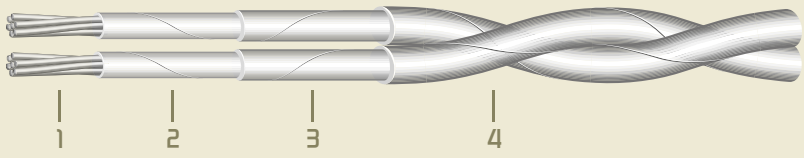
Twisted pairs

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 09*	30	7X0.102 SPCA	0.32	0.057	383	0.78	1.50	2.10
ESCC 3901 019 10	28	7X0.127 SPCA	0.47	0.09	258	0.87	1.70	2.80
ESCC 3901 019 11	26	19X0.10 SPCA	0.57	0.15	170	0.96	1.90	3.80
ESCC 3901 019 12	24	19X0.12 SPCA	0.58	0.25	120	1.13	2.30	5.20
ESCC 3901 019 13	22	19X0.15 SPC	0.76	0.40	63	1.25	2.50	8.20
ESCC 3901 019 14	20	19X0.20 SPC	0.99	0.60	35	1.48	3.00	13.50
ESCC 3901 019 15	16	19X0.30 SPC	1.49	1.20	15	1.98	4.00	27.00
ESCC 3901 019 16	12	37X0.32 SPC	2.18	3.00	7.5	2.73	5.50	55.00

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

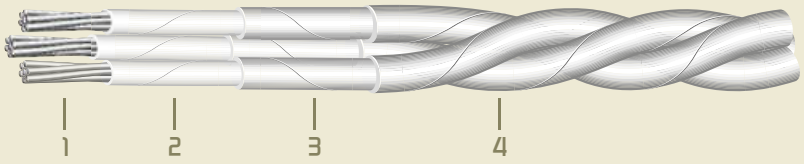
Twisted triples

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape.
Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:
- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 17*	30	7X0.102 SPCA	0.32	0.057	384	0.78	1.70	3.30
ESCC 3901 019 18	28	7X0.127 SPCA	0.47	0.09	259	0.87	1.90	4.50
ESCC 3901 019 19	26	19X0.10 SPCA	0.57	0.15	171	0.96	2.10	6.20
ESCC 3901 019 20	24	19X0.12 SPCA	0.58	0.25	121	1.13	2.50	8.30
ESCC 3901 019 21	22	19X0.15 SPC	0.76	0.40	64	1.25	2.70	12.70
ESCC 3901 019 22	20	19X0.20 SPC	0.99	0.60	37	1.48	3.20	20.60
ESCC 3901 019 23	16	19X0.30 SPC	1.49	1.20	15	1.98	4.30	43.00
ESCC 3901 019 24	12	37X0.32 SPC	2.18	3.00	7.5	2.73	5.90	88.00

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

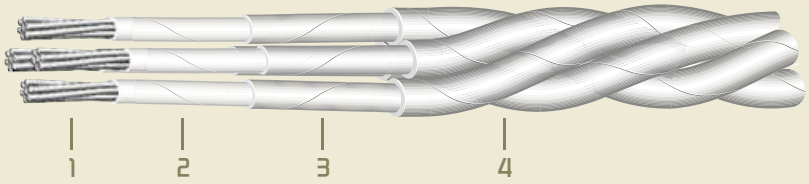
Twisted quads

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape.
Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 25*	30	7X0.102 SPCA	0.32	0.057	385	0.78	1.90	4.40
ESCC 3901 019 26	28	7X0.127 SPCA	0.47	0.09	260	0.87	2.10	6.00
ESCC 3901 019 27	26	19X0.10 SPCA	0.57	0.15	171	0.96	2.30	8.20
ESCC 3901 019 28	24	19X0.12 SPCA	0.58	0.25	122	1.13	2.70	11.00
ESCC 3901 019 29	22	19X0.15 SPC	0.76	0.40	64	1.25	3.00	16.90
ESCC 3901 019 30	20	19X0.20 SPC	0.99	0.60	37	1.48	3.60	27.30
ESCC 3901 019 31	16	19X0.30 SPC	1.49	1.20	16	1.98	4.80	57.00
ESCC 3901 019 32	12	37X0.32 SPC	2.18	3.00	7.9	2.73	6.50	118.00

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

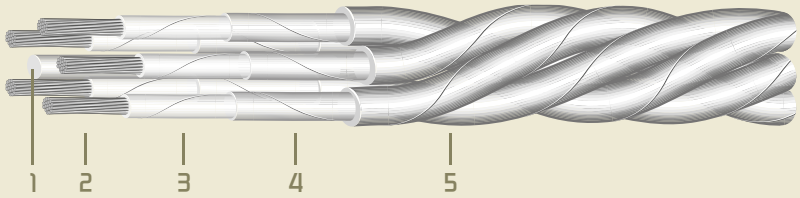
Twisted 5-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - PTFE filler.
2 - Stranded silver plated copper or copper alloy conductor,
3 - Expanded PTFE tape (CELLOFLON®),
4 - Polyimide tape,
5 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 33	28	7X0.127 SPCA	0.47	0.09	260	0.87	2.40	7.80
ESCC 3901 019 34	26	19X0.10 SPCA	0.57	0.15	172	0.96	2.60	10.70
ESCC 3901 019 35	24	19X0.12 SPCA	0.58	0.25	123	1.13	3.10	14.30
ESCC 3901 019 36	22	19X0.15 SPC	0.76	0.40	64	1.25	3.40	21.80
ESCC 3901 019 37	20	19X0.20 SPC	0.99	0.60	37	1.48	4.00	35.00

SPC: silver plated copper - SPCA: silver plated copper alloy

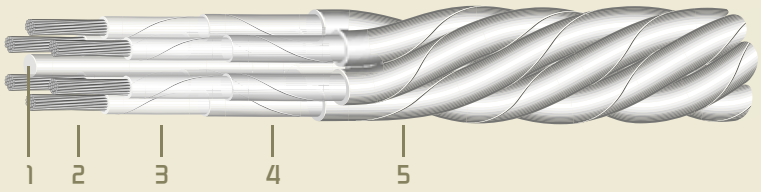
Twisted 6-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - PTFE filler,
2 - Stranded silver plated copper or copper alloy conductor,
3 - Expanded PTFE tape (CELLOFLON®),
4 - Polyimide tape,
5 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 38	28	7X0.127 SPCA	0.47	0.09	261	0.87	2.60	9.60
ESCC 3901 019 39	26	19X0.10 SPCA	0.57	0.15	172	0.96	2.90	13.10
ESCC 3901 019 40	24	19X0.12 SPCA	0.58	0.25	124	1.13	3.40	17.60
ESCC 3901 019 41	22	19X0.15 SPC	0.76	0.40	65	1.25	3.70	26.60
ESCC 3901 019 42	20	19X0.20 SPC	0.99	0.60	38	1.48	4.40	48.20

SPC: silver plated copper - SPCA: silver plated copper alloy

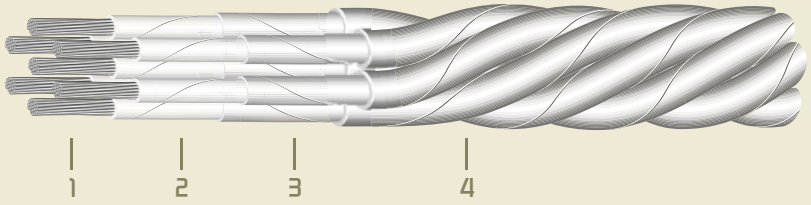
Twisted 7-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SINGLE WIRE MAX. Ø mm	BUNDLE MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km			
ESCC 3901 019 43	28	7X0.127 SPCA	0.47	0.09	261	0.87	2.60	10.50
ESCC 3901 019 44	26	19X0.10 SPCA	0.57	0.15	172	0.96	2.90	14.40
ESCC 3901 019 45	24	19X0.12 SPCA	0.58	0.25	124	1.13	3.40	19.30
ESCC 3901 019 46	22	19X0.15 SPC	0.76	0.40	65	1.25	3.70	29.60
ESCC 3901 019 47	20	19X0.20 SPC	0.99	0.60	38	1.48	4.40	47.80

SPC: silver plated copper - SPCA: silver plated copper alloy

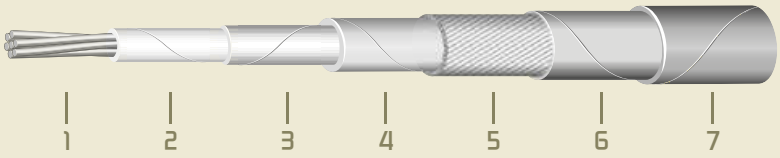
Shielded jacketed single wires

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape,
5 - Silver plated copper helicoidal shield,
6 - Polyimide tape,
7 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm^2	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 48*	30	7X0.102 SPCA	0.32	0.057	375	0.063	0.78	1.10	2.60
ESCC 3901 019 49	28	7X0.127 SPCA	0.47	0.09	253	0.079	0.87	1.20	3.30
ESCC 3901 019 50	26	19X0.10 SPCA	0.57	0.15	157	0.079	0.96	1.30	4.10
ESCC 3901 019 51	24	19X0.12 SPCA	0.58	0.25	111	0.079	1.13	1.50	4.80
ESCC 3901 019 52	22	19X0.15 SPC	0.76	0.40	58	0.079	1.25	1.60	6.30
ESCC 3901 019 53	20	19X0.20 SPC	0.99	0.60	32	0.079	1.48	1.90	9.10
ESCC 3901 019 54	16	19X0.30 SPC	1.49	1.20	14	0.079	1.98	2.40	16.80
ESCC 3901 019 55	12	37X0.32 SPC	2.18	3.00	7	0.079	2.73	3.10	31.70

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

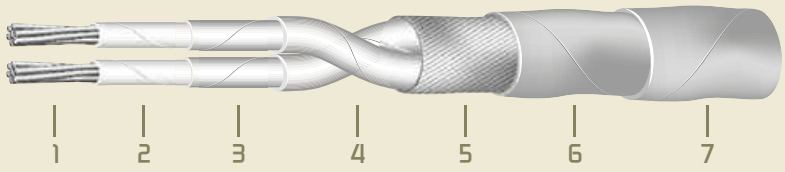
Shielded jacketed twisted pairs

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape,
5 - Silver plated copper helicoidal shield,
6 - Polyimide tape,
7 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 56*	30	7X0.102 SPCA	0.32	0.057	383	0.063	0.78	1.90	5.10
ESCC 3901 019 57	28	7X0.127 SPCA	0.47	0.09	258	0.079	0.87	2.10	6.10
ESCC 3901 019 58	26	19X0.10 SPCA	0.57	0.15	170	0.079	0.96	2.30	7.70
ESCC 3901 019 59	24	19X0.12 SPCA	0.58	0.25	120	0.079	1.13	2.70	9.50
ESCC 3901 019 60	22	19X0.15 SPC	0.76	0.40	63	0.079	1.25	2.90	13.40
ESCC 3901 019 61	20	19X0.20 SPC	0.99	0.60	35	0.079	1.48	3.30	19.60
ESCC 3901 019 62	16	19X0.30 SPC	1.49	1.20	15	0.079	1.98	4.30	35.00
ESCC 3901 019 63	12	37X0.32 SPC	2.18	3.00	7.50	0.079	2.73	5.80	67.00

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

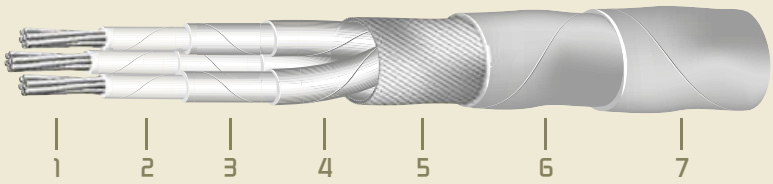
Shielded jacketed twisted triples

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape,
5 - Silver plated copper helicoidal shield,
6 - Polyimide tape,
7 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	Overall MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm^2	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 64*	30	7X0.102 SPCA	0.32	0.057	385	0.063	0.78	2.00	6.10
ESCC 3901 019 65	28	7X0.127 SPCA	0.47	0.09	259	0.079	0.87	2.30	8.30
ESCC 3901 019 66	26	19X0.10 SPCA	0.57	0.15	171	0.079	0.96	2.40	10.30
ESCC 3901 019 67	24	19X0.12 SPCA	0.58	0.25	121	0.079	1.13	2.80	13.20
ESCC 3901 019 68	22	19X0.15 SPC	0.76	0.40	64	0.079	1.25	3.10	18
ESCC 3901 019 69	20	19X0.20 SPC	0.99	0.60	37	0.079	1.48	3.60	26.80
ESCC 3901 019 70	16	19X0.30 SPC	1.49	1.20	15	0.079	1.98	4.60	51
ESCC 3901 019 71	12	37X0.32 SPC	2.18	3.00	7.50	0.079	2.73	6.20	99

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

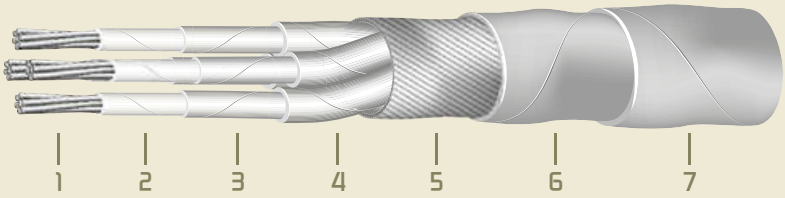
Shielded jacketed twisted quads

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape,
5 - Silver plated copper helicoidal shield,
6 - Polyimide tape,
7 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 72*	30	7X0.102 SPCA	0.32	0.057	386	0.063	0.78	2.20	7.60
ESCC 3901 019 73	28	7X0.127 SPCA	0.47	0.09	260	0.079	0.87	2.50	10.40
ESCC 3901 019 74	26	19X0.10 SPCA	0.57	0.15	171	0.079	0.96	2.70	12.20
ESCC 3901 019 75	24	19X0.12 SPCA	0.58	0.25	122	0.079	1.13	3.10	16.40
ESCC 3901 019 76	22	19X0.15 SPC	0.76	0.40	64	0.079	1.25	3.40	22.90
ESCC 3901 019 77	20	19X0.20 SPC	0.99	0.60	37	0.079	1.48	3.90	34.40
ESCC 3901 019 78	16	19X0.30 SPC	1.49	1.20	16	0.079	1.98	5.10	63
ESCC 3901 019 79	12	37X0.32 SPC	2.18	3.00	7.90	0.079	2.73	6.90	124

SPC: silver plated copper - SPCA: silver plated copper alloy -*=according to the ESA standard

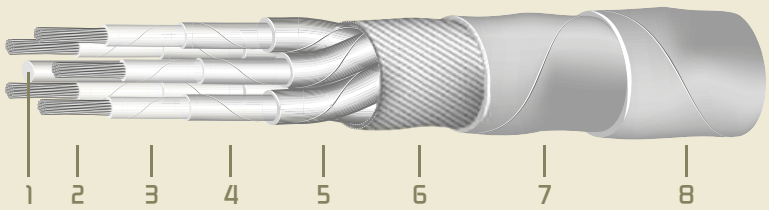
Shielded jacketed twisted 5-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - PTFE filler,
2 - Stranded silver plated copper or copper alloy conductor,
3 - Expanded PTFE tape (CELLOFLON®),
4 - Polyimide tape,
5 - Polyimide tape,
6 - Silver plated copper helicoidal shield,
7 - Polyimide tape,
8 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 80	28	7X0.127 SPCA	0.47	0.09	260	0.079	0.87	2.70	12.50
ESCC 3901 019 81	26	19X0.10 SPCA	0.57	0.15	172	0.079	0.96	2.90	15.80
ESCC 3901 019 82	24	19X0.12 SPCA	0.58	0.25	123	0.079	1.13	3.40	20.40
ESCC 3901 019 83	22	19X0.15 SPC	0.76	0.40	64	0.079	1.25	3.70	28.40
ESCC 3901 019 84	20	19X0.20 SPC	0.99	0.60	37	0.079	1.48	4.40	43.00

SPC: silver plated copper - SPCA: silver plated copper alloy

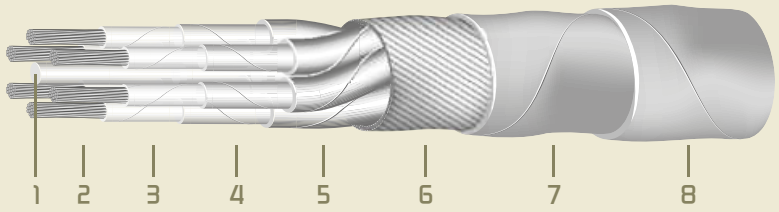
Shielded jacketed twisted 6-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - PTFE filler,
2 - Stranded silver plated copper or copper alloy conductor,
3 - Expanded PTFE tape (CELLOFLON®),
4 - Polyimide tape,
5 - Polyimide tape,
6 - Silver plated copper helicoidal shield,
7 - Polyimide tape,
8 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 85	28	7X0.127 SPCA	0.47	0.09	261	0.079	0.87	3.00	14.80
ESCC 3901 019 86	26	19X0.10 SPCA	0.57	0.15	172	0.079	0.96	3.20	18.80
ESCC 3901 019 87	24	19X0.12 SPCA	0.58	0.25	124	0.079	1.13	3.80	24.30
ESCC 3901 019 88	22	19X0.15 SPC	0.76	0.40	65	0.079	1.25	4.10	34.00
ESCC 3901 019 89	20	19X0.20 SPC	0.99	0.60	38	0.079	1.48	4.80	58.20

SPC: silver plated copper - SPCA: silver plated copper alloy

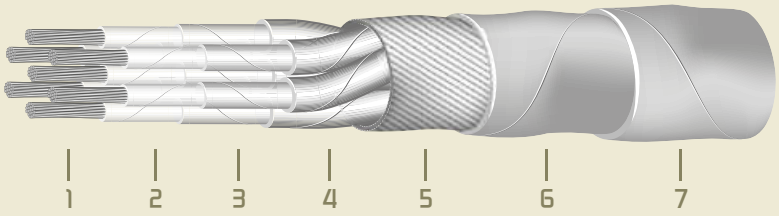
Shielded jacketed twisted 7-core cables

ESCC 3901 019

CELLOFLON® / Polyimide tape

Operating temperature: -200°C up to +200°C

Voltage rating: 600 VAC max.



Construction

1 - Stranded silver plated copper or copper alloy conductor,
2 - Expanded PTFE tape (CELLOFLON®),
3 - Polyimide tape,
4 - Polyimide tape,
5 - Silver plated copper helicoidal shield,
6 - Polyimide tape,
7 - Polyimide tape.

Colour: Amber (except other specification)

Main characteristics

Excellent physical, chemical and electrical properties:

- excellent penetration resistance under pressure,
- excellent radiation resistance,
- resist large overloads with no fire risk,
- non-flammable,
- good flexibility,
- resistant to most chemicals,
- suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	OVERALL MAX. Ø mm	MAX. WEIGHT g/m
	AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km				
ESCC 3901 019 90	28	7X0.127 SPCA	0.47	0.09	261	0.079	0.87	3.0	15.7
ESCC 3901 019 91	26	19X0.10 SPCA	0.57	0.15	172	0.079	0.96	3.2	20.1
ESCC 3901 019 92	24	19X0.12 SPCA	0.58	0.25	124	0.079	1.13	3.8	26
ESCC 3901 019 93	22	19X0.15 SPC	0.76	0.40	65	0.079	1.25	4.1	37
ESCC 3901 019 94	20	19X0.20 SPC	0.99	0.60	38	0.079	1.48	4.8	57

SPC: silver plated copper - SPCA: silver plated copper alloy