

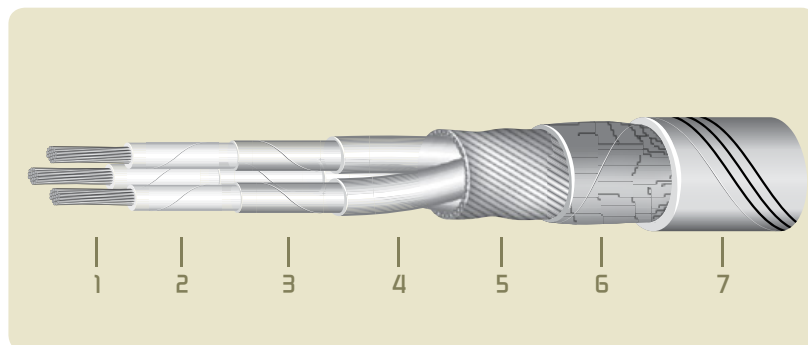
Shielded jacketed twisted triples

ESCC 3901 001

Polyimide insulation

Operating temperature: -100°C up to +200°C

Voltage rating: 600 VAC max.



Construction

- 1 - Stranded silver plated copper or copper alloy conductor,
- 2 - Polyimide tape,
- 3 - Polyimide tape,
- 4 - Polyimide coating,
- 5 - Silver plated copper helical shield,
- 6 - Polyimide tape,
- 7 - PTFE tape with stripes.

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,
- › resistant to most chemicals,
- › suited for thermal, mechanical or laser stripping.

AXON' REFERENCE	CONDUCTOR					SHIELD STRAND Ø mm	SINGLE WIRE MAX. Ø mm	SINGLE WIRE COLOUR	OVERALL MAX. Ø mm	JACKET & STRIPE COLOUR	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 001 44	16	19X0.30 SPC	1.53	1.30	15	0.15	1.85	Brown	4.54	White & Brown	58.2
ESCC 3901 001 45	14	27X0.30 SPC	1.87	1.90	10.60	0.20	2.19	Khaki-beige	5.40	Light blue & White	83.3
ESCC 3901 001 46	12	45X0.30 SPC	2.40	3.20	6.33	0.20	2.80	Khaki-beige	6.72	Light blue & White	127.3

Stripe width: 0.6mm ± 30%

Space between two stripes: 1.0mm ± 30%

SPC: silver plated copper