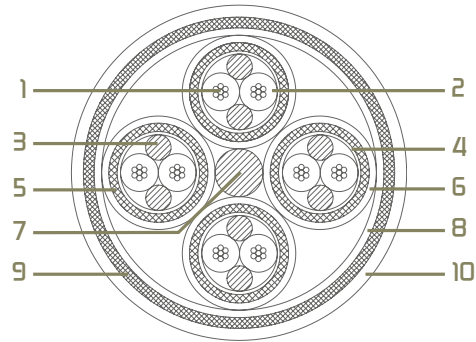


Spacewire quadribus cable

ESCC 3902 003

CELLOFLON® dielectric / PFA jacket

Operating temperature: -200°C up to +180°C.



Construction

- 1 - Stranded silver plated copper alloy conductor,
- 2 - Dielectric: Expanded microporous PTFE,
- 3 - Filler: Expanded microporous PTFE,
- 4 - Binder (only **var. 02**): Wrapped microporous PTFE,
- 5 - Silver plated copper braided shield,
- 6 - PFA jacket,
- 7 - Filler: Expanded microporous PTFE,
- 8 - Binder: Wrapped microporous PTFE,
- 9 - Silver plated copper braided shield,
- 10 - PFA jacket.

Main characteristics

Excellent physical, chemical and electrical properties:

- > Designed to meet nominal transmission performances of Spacewire protocol,
- > excellent penetration resistance under pressure,
- > resist large overloads with no fire risk,
- > non-flammable,
- > good flexibility,
- > resistant to most chemicals,
- > suited for thermal, mechanical or laser stripping,
- > controlled impedance for optimal data transmission.

AXON' REFERENCE	ZC Ω	INNER CONDUCTOR					SINGLE WIRE		SYMMETRIC CABLE SHIELD STRAND Ø mm
		AWG	STRANDING Nb x Ø mm	MAX. Ø mm	NOM. CROSS SECTION mm²	MAX. DC RESISTANCE AT 20°C Ω / km	MAX. Ø mm	DIELECTRIC COLOUR	
ESCC 3902 003 01	100	28	7x0.127 SPCA	0.39	0.089	256	1.2	Blue / White	0.079
ESCC 3902 003 02	100	26	7x0.160 SPCA	0.49	0.141	159	1.4	Blue	0.079

AXON' REFERENCE	SYMMETRIC CABLE			ROUND CABLE					
	BINDER NOM. THICKNESS mm	MAX. Ø mm	MAX. WEIGHT g/m	BINDER NOM. THICKNESS mm	SHIELD STRAND Ø mm	MAX. Ø mm	JACKET COLOUR	MAX. WEIGHT g/m	MIN. BEND RADIUS
ESCC 3902 003 01	-	2.7	12	0.102	0.102	7.5	White	85	90
ESCC 3902 003 02	0.076	3.1	15	0.102	0.102	9	Blue	115	120

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