WIRES AND CABLES, LOW FREQUENCY, POLYIMIDE INSULATION BASED ON TYPES 3901001**B and 3901002**B				**132T**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/001 3901/002	AXON' CABLE Montmirail France	Qualification	CNES	Jan 1979
		Remarks		

Qualified range:

3901/001: variants 24 to 47
3901/002: variants 31 to 73

Voltage Rating, maximum (Vrms): 600

Temperature Range (°C): -100 to +200

WIRES AND CABLES, LOW FREQUENCY, PTFE/POLYIMIDE INSULATION, BASED ON TYPES 3901013**B				**292H**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/013	AXON' CABLE Montmirail France	Qualification	CNES	Jun 2009
		Remarks		

Qualified range:

All variants are qualified

Voltage Rating, maximum (Vrms):600

Temperature Range (°C): -100 to +200

WIRES AND CABLES, LOW FREQUENCY, PTFE/POLYIMIDE INSULATION, BASED ON TYPES 3901019**B	**268L**

Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/019	AXON' CABLE Montmirail France	Qualification	CNES	Jun 2002
		Remarks		

Qualified range:

Variants 01 to 94 are qualified

Voltage Rating, maximum (Vrms):600

Temperature Range (°C): -200 to +200

WIRES AND CABLES, LOW FREQUENCY, 600V, SILVER-PLATED COPPER, EXTRUDED CROSSLINKED FLUOROPOLYMER INSULATION, BASED ON TYPE 3901012**B				**267M**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/012	AXON' CABLE Montmirail France	Qualification	CNES	Mar 2002
		Remarks This product is not intended for human space flight applications.		

Qualified range:

Variants 01 to 80 are qualified

Wire code ISO 2635

Voltage Rating, maximum (Vrms):600

Temperature Range (°C): -100 to +200

WIRES AND CABLES, LOW FREQUENCY, INSULATED, POLYIMIDE/FLUOROTHERMOPLAST, BASED ON TYPE SPM				**300H**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/018	AXON' CABLE Montmirail France	Qualification	CNES	Dec 2009
		Remarks		

Qualified range:

Variants 01 to 88 are qualified

Expanded PTFE, extruded polyimide/ FEP, sintered PTFE insulated wires.

Voltage Rating, maximum (Vrms) : 600

Temperature Range (°C): -200 to +200

POLYIMIDE INSULATED SHIELDED CABLES WITH DRAIN WIRE, LOW FREQUENCY, BASED ON TYPES 3901021**B				**293H**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/021	AXON' CABLE Montmirail France	Qualification	CNES	Jun 2009
		Remarks		

Qualified range:

Variants 01 to 41 are qualified

Voltage Rating, maximum (Vrms):600

Temperature Range (°C): -200 to +200

WIRES AND CABLES, LOW FREQUENCY, FLUROPOLYMER INSULATION, 600V, BASED ON TYPE CSWL	**299H**

Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3901 Detail ESCC 3901/024	AXON' CABLE Montmirail France	Qualification	CNES	Dec 2009
		Remarks		

Qualified range:

Variants 01 to 64 are qualified

Wires and Cables variants consist of 1, 2, 3 and 4 cores with and without jackets and shields

NOTE: The high strength toughened fluoropolymer PTFE tape (HST-F) use for the manufacturing of the primary insulation of the wire is named “ART tape”.

Voltage Rating, maximum (Vrms):600

Temperature Range (°C): -200 to +200

WIRES AND CABLES, RADIO FREQUENCY, FLEXIBLE, COAXIAL, TRIAXIAL AND SYMMETRIC, BASED ON TYPE 3902/002	**298H**

Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3902 Detail ESCC 3902/002	AXON' CABLE Montmirail France	Qualification	CNES	Dec 2009
		Remarks		

Qualified range:

Variants 03 to 06, 10 to 13 and 20 to 30 are qualified

Variants encompass coaxial, triaxial, and balanced shielded line

Temperature range (°C): -200 to +180

WIRES AND CABLES, SPACEWIRE, ROUND, QUAD SYMMETRIC, FLEXIBLE, BASED ON TYPE SPACEWIRE	**291H**

Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3902 Detail ESCC 3902/003	AXON' CABLE Montmirail France	Qualification	CNES	Dec 2009
		Remarks		

Qualified range:

Variant 01 AWG 28/07 (white) and variant 02 AWG 26/07 (blue) are qualified

Variant	Data Rate	Operating Voltage (Continuous), (Vrms)	Current (A)
01	100Mb/s - 400MHz	200	1.5
02	200Mb/s - 400MHz	200	2.5

Temperature range (°C): -200 to +180

WIRES AND CABLES, SPACEWIRE, ROUND, QUAD SYMMETRIC, FLEXIBLE, BASED ON TYPE SPACEWIRE				**335E**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3902 Detail ESCC 3902/004	AXON' CABLE Montmirail France	Qualification	CNES	Oct 2015
		Remarks		

Qualified range:

Variant 01 is qualified.

Temperature range (°C): -100 to +150

CONNECTORS, ELECTRICAL, RECTANGULAR, MICROMINIATURE BASED ON TYPE MDM, MDSA D-CLICK and SNAPLITE.				370B
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401 Detail ESCC	Axon' Cable, France	Qualification	CNES	Jan 2021
		Remarks		
3401/029, 3401/032, 3401/091, 3401/100				

Qualified range:

3401/029 (MDSA):	Shell variant 01 (Nickel finish) and variant 02 (Gold finish) Contacts arrangements: 09-15-21-25-31-37-51 (non removable crimp contacts). Contacts termination type: FR112 to FR116, FR112A to FR115A, FR112B to FR115B, FR123, FR123A, FR123B, FR139,75SBB, 75SBT, 75RBB, 75RBT, CBRB, CBRT.
3401/091 (MDSA D-CLICK):	Connector variants 01 to 06, Jumper variants 07 to 09. Contacts arrangements: 09-15-21-25-31-37 (non removable crimp contacts).
3401/032:	Accessories variants 07, 08, 21 to 38
3401/100: (SnapLite)	Layout: 2 and 4 contacts. Non removable crimp contacts. Pigtail, 90°PCB mounting, straight PCB mounting

Operating Temperature Range (°C): -55 to +125

6.1.2 High Data Rate

High Data Rate Cable assembly with microminiature rectangular coaxial connectors based on Types Axomach and Spacefibre				385
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3409 Detail ESCC 3409/001	Axon' Cable, France	Qualification	ESA	January 2024
		Remarks		

Qualified range:

3409/001: Variant 01

Connector codes 1 to 18

Direct and Indirect wiring

Operating Temperature Range (°C): -55 to +125

CONNECTORS, SAVERS AND ACCESSORIES, RECTANGULAR, MICROMINIATURE, HIGH DATA RATE BASED ON TYPES AXOMACH AND SPACEFIBRE				**386**
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date
Generic ESCC 3401 Detail ESCC	Axon' Cable, France	Qualification	CNES	Jan 2024
		Remarks: qualification testing has been performed in accordance with ESCC Generic Specification No. 3409 Para. 7.1 and Chart F4A (as defined by ESCC detail specs 3401/089 and 3401/090 Appendix A)		

3401/089, 3401/090

Qualified range:

3401/089 Variant 01, 02, 03, 04, 05, 06, 07, 08

3401/090 Variant 01, 02, 03, 04, 05, 06, 07

Operating Temperature Range (°C): -55 to +125