

| CONNECTORS, MINIATURE, ELECTRICAL, CIRCULAR, TRIPLE-START SELF- LOCKING COUPLING, SCOOP-PROOF, HERMETIC RECEPTACLE AND FEEDTHROUGH BASED ON TYPE MIL-C-38999, SERIES III | | | | 288D |
|---|---|--------------------|-----------------------|----------------------------|
| Procurement Specifications | Manufacturer | Nature of Approval | Supervising Authority | Initial Qualification Date |
| Generic ESCC 3401 Detail ESCC 3401/079 | AXON' CABLE S.A. Montmirail France | Qualification | CNES | May 2009 |
| Remarks | | | | |
| <p>Qualified range:</p> <p>Variants 01 to 18 are qualified</p> <p>Variants 01 to 08: Plug 3 and 4 Lugs, Straight and Right Angle with pin contact Variants 09 to 18: Bulkhead Jacks, 3 and 4 Lugs, Straight and Right Angle with solder contact</p> <p>All cables are 77Ω MIL-STD-1553B Data Bus twisted shielded pairs</p> <p>Working Voltage: 200 Vrms Rated Current (contact): 1A</p> <p>Operating Temperature Range (°C): -55 to +150</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, POLYIMIDE INSULATION BASED ON TYPES 3901001**B and 3901002**B | | | | 132P |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| Procurement Specifications | Manufacturer | Nature of Approval | Supervising Authority | Initial Qualification Date |
| Generic ESCC 3901 | AXON' CABLE Montmirail France | Qualification | CNES | Jan 1979 |
| Detail ESCC 3901/001 3901/002 | | Remarks | | |
| <p>Qualified range:</p> <p>3901/001: variants 24 to 47 3901/002: variants 31 to 73</p> <p>Voltage Rating, maximum (Vrms): 600</p> <p>Temperature Range (°C): -100 to +200</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, PTFE/POLYIMIDE INSULATION, BASED ON TYPES 3901013**B | | | | 292D |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| 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 | | | | |
| <p>Qualified range:</p> <p>All variants are qualified</p> <p>Voltage Rating, maximum (Vrms):600</p> <p>Temperature Range (°C): -100 to +200</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, PTFE/POLYIMIDE INSULATION, BASED ON TYPES 3901019**B | | | | 268G |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| Procurement Specifications | Manufacturer | Nature of Approval | Supervising Authority | Initial Qualification Date |
| Generic ESCC 3901 | AXON' CABLE Montmirail France | Qualification | CNES | Jun 2002 |
| Detail ESCC 3901/019 | | Remarks | | |
| <p>Qualified range:</p> <p>All variants are qualified</p> <p>Voltage Rating, maximum (Vrms):600</p> <p>Temperature Range (°C): -200 to +200</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, 600V, SILVER-PLATED COPPER, EXTRUDED CROSSLINKED FLUOROPOLYMER INSULATION, BASED ON TYPE 3901012**B | | | | 267H |
|---|-------------------------------------|--|-----------------------|----------------------------|
| 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. | | |
| <p>Qualified range:</p> <p>All variants are qualified</p> <p>Wire code ISO 2635</p> <p>Voltage Rating, maximum (Vrms):600</p> <p>Temperature Range (°C): -100 to +200</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, INSULATED, POLYIMIDE/FLUOROTHERMOPLAST, BASED ON TYPE SPM | | | | 300D |
|--|-------------------------------------|--------------------|-----------------------|----------------------------|
| Procurement Specifications | Manufacturer | Nature of Approval | Supervising Authority | Initial Qualification Date |
| Generic ESCC 3901 | AXON' CABLE Montmirail France | Qualification | CNES | Dec 2009 |
| Detail ESCC 3901/018 | | Remarks | | |
| <p>Qualified range:</p> <p>Variants 01 to 88 are qualified AWG 30 and 32 variants are qualified.</p> <p>Expanded PTFE, extruded polyimide/ FEP, sintered PTFE insulated wires.</p> <p>Voltage Rating, maximum (Vrms) : 600</p> <p>Temperature Range (°C): -200 to +200</p> | | | | |

| POLYIMIDE INSULATED SHIELDED CABLES WITH DRAIN WIRE, LOW FREQUENCY, BASED ON TYPES 3901021**B | | | | 293D |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| 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 | | | | |
| <p>Qualified range:</p> <p>All variants are qualified</p> <p>Voltage Rating, maximum (Vrms):600</p> <p>Temperature Range (°C): -200 to +200</p> | | | | |

| WIRES AND CABLES, LOW FREQUENCY, FLUROPOLYMER INSULATION, 600V, BASED ON TYPE CSWL | | | | 299D |
|---|---|--------------------|-----------------------|----------------------------|
| 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 |
| <p>Remarks</p> <p>Qualified range:</p> <p>Variants 01 to 64 are qualified (AWG 30 variants is qualified)</p> <p>Wires and Cables variants consist of 1, 2, 3 and 4 cores with and without jackets and shields</p> <p>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".</p> <p>Voltage Rating, maximum (Vrms):600</p> <p>Temperature Range (°C): -200 to +200</p> | | | | |

| WIRES AND CABLES, RADIO FREQUENCY, FLEXIBLE, COAXIAL, TRIAXIAL AND SYMMETRIC, BASED ON TYPE 3902/002 | | | | 298D |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| 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 | | | | |
| <p>Qualified range:</p> <p>Variants 03 to 06, 10 to 13 and 20 to 30 are qualified</p> <p>Variants encompass coaxial, triaxial, and balanced shielded line</p> <p>Temperature range (°C): -200 to +180</p> | | | | |

| WIRES AND CABLES, SPACEWIRE, ROUND, QUAD SYMMETRIC, FLEXIBLE, BASED ON TYPE SPACEWIRE | | | | 291D | | | | | | | | | | | | |
|--|--|---|-----------------------|----------------------------|---------|-----------|---|-------------|----|------------------|-----|-----|----|------------------|-----|-----|
| 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 | | | | | | | | | | | | | | | | |
| <p>Qualified range:</p> <p>Variant 01 AWG 28/07 (white) and variant 02 AWG 26/07 (blue) are qualified</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Variant</th> <th>Data Rate</th> <th>Operating Voltage (Continuous), (Vrms)</th> <th>Current (A)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">01</td> <td style="text-align: center;">100Mb/s - 400MHz</td> <td style="text-align: center;">200</td> <td style="text-align: center;">1.5</td> </tr> <tr> <td style="text-align: center;">02</td> <td style="text-align: center;">200Mb/s - 400MHz</td> <td style="text-align: center;">200</td> <td style="text-align: center;">2.5</td> </tr> </tbody> </table> <p>Temperature range (°C): -200 to +180</p> | | | | | Variant | Data Rate | Operating Voltage (Continuous), (Vrms) | Current (A) | 01 | 100Mb/s - 400MHz | 200 | 1.5 | 02 | 200Mb/s - 400MHz | 200 | 2.5 |
| Variant | Data Rate | Operating Voltage (Continuous), (Vrms) | Current (A) | | | | | | | | | | | | | |
| 01 | 100Mb/s - 400MHz | 200 | 1.5 | | | | | | | | | | | | | |
| 02 | 200Mb/s - 400MHz | 200 | 2.5 | | | | | | | | | | | | | |

| WIRES AND CABLES, SPACEWIRE, ROUND, QUAD SYMMETRIC, FLEXIBLE, BASED ON TYPE SPACEWIRE | | | | 335A |
|---|-------------------------------------|--------------------|-----------------------|----------------------------|
| 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 | | | | |
| <p>Qualified range:</p> <p>Variant 01 is qualified.</p> <p>Temperature range (°C): -100 to +150</p> | | | | |