

S. No.	Description	Qty Reqd
1	245-CON-SMA-1 SMA Connector 50ohm Vacuum: UHV Temp.: -40°C to 180°C (min) Cable type: KAP50 SMA: 311-KAP50	12
2	245-CON-SMA-F SMA FEMALE SOCKET, UHV PTFE INSULATION, 50 OHMS, FITS MALE PLUG Vacuum Leak Rate: UHV $<5 \times 10^{-10}$ mbar.l/s Size or DN: SMA Compliance: SMA 50 ohm Number of Pins: no Temperature Range: -65°C to 165°C	12
3	411-NP40-3 CF Nut Plate Sets Flange size: CF40 Number per packet: 3 Material: Silver plated Stainless steel	3
4	411-NP100-8 CF Nut Plate Sets Flange size: CF100 Number per packet: 8 Material: Silver plated Stainless steel	6
5	411-CG40-SP DN40CF OFE Copper Gaskets Silver plated Num in Pack: 5 Thickness: 2 Temperature Range: 273°C - 450°C Body Material: OFE Copper Silver plated Size or DN: DN40CF (2 3/4" OD flange) Vacuum Leak Rate: UHV $<5 \times 10^{-10}$ mbar.l/s	6
6	411-CG100-SP DN100CF OFE Copper Gaskets Silver plated Num in Pack: 5 Thickness: 2 Temperature Range: -273°C - 450°C Body Material: OFE Copper Silver Plated Size or DN: DN100CF (6" OD flange) Vacuum Leak Rate: UHV $<5 \times 10^{-10}$ mbar.l/s	12
7	241-CON-SHV10 AIR SIDE CONNECTOR FOR SHV 10KV FEEDTHROUGH Vacuum Leak Rate: Air Size or DN: SHV10 Compliance: SHV10kV Temperature Range: -65°C to 165°C	4

8	360-PPO-1.3 POWER PUSH ON CONNECTORS 1.3mm PINS, MAX WIRE 1.27mm, PACK OF 10 Vacuum Leak Rate: UHV <5x10 ⁻¹⁰ mbar.l/s Size or DN: Fits 1.3mm pin Pin Gender: female Conductor Material: BeCu Inside Diameter: 1.3 Num in Pack: 10	2
9	360-LUG-2.5 Vacuum: UHV Diameter max. cable: Ø2.5mm Material: Tin plated / Nickel Temp. max 200°C / 400°C Nickel versions Mount hole: M5	2
10	315-KAPEX-S KAPEX KAPTON SOLVENT, PASTE, SIZE: 15g Vacuum Leak Rate: Air Size or DN: 15g	2
11	317-KAPH-2/2 Kapton Heater Foil Shape: square Dimensions: 50mm x 50mm Power: 110W Operating Vacuum: 10 ⁻⁹ mbar Temperature: -200 to 200°C	2
12	316-SHRINK-20 UHV COMPATIBLE SHRINK HOSE, PTFE, 2.0mm, LENGTH 500mm Vacuum Leak Rate: Air Size or DN: 0.5m	12
13	316-SHRINK-32 UHV COMPATIBLE SHRINK HOSE, PTFE, 3.2mm, LENGTH 500mm Vacuum Leak Rate: Air Size or DN: 0.5m	12
14	316-SHRINK-63 UHV COMPATIBLE SHRINK HOSE, PTFE, 6.3mm. LENGTH 500mm Vacuum Leak Rate: Air Size or DN: 0.5m	12
15	316-SHRINK-95 UHV COMPATIBLE SHRINK HOSE, PTFE, 9.5mm, LENGTH 500mm Vacuum Leak Rate: Air Size or DN: 0.5m	12
16	321-STRIP04 PRECISION STRIPPER FOR SIZE 0.12 - 0.4mm, IN 6 STEPS (AWG 36 - 26) Size or DN: Tools Compliance: Allectra tools	1
17	321-STRIP10 PRECISION STRIPPER FOR SIZE 0.3 - 1.0mm, IN 6 STEPS (AWG 28 - 18) Size or DN: Tools Compliance: Allectra tools	1

18	214-CTOOL CRIMP TOOL STANDARD VERSION. FOR SUB-D PINS, FOUR BRACKETS TYPE, NO POSITIONER Size or DN: Tools Compliance: Allectra tools	1
19	514-LVF-C16 UHV Precision Leak Valve Vacuum: UHV Min leak: 10 ⁻⁷ mbar-l/sec Closed leak: < 10 ⁻¹² mbar l/s Max. Inlet Pressure: 10 bar Max. Conductance: 0.1 l/s Max Temp open: 450°C Max. Temp. closed: 250°C Materials: SS, Nickel Diaphragm Gas inlet: 16CF Gas outlet: 16CFT (tapped M4)	2
20	511-AVP-C40-V UHV Right Angle Valves Pneumatic Size: 40CF Seal: Viton Leak rate: <10 ⁻⁹ mbar l/s Bakeout temp: 150°C closed Port Length (symmetric) from port to centre axis 40CF 65mm	2
21	511-AV-C40-V UHV Right Angle Valves Manual Size: 40CF Seal: Viton Leak rate: <10 ⁻⁹ mbar l/s Bakeout temp: 150°C closed Port Length (symmetric) from port to centre axis 40CF 65mm	2
22	411-CFB40 DN40CF UHV blank fixed flange, SS 316L (1.4404) Thickness: 12.7 Outside Diameter: 70(2 ¾ ") Temperature Range: -273°C - 450°C Magnetic Permeability: >1.05 annealed Body Material: SS 316L 1.4404 Vacuum Seal: Knife edge/ Cu or Viton gasket Compliance: CF as ISO 3669-2 Size or DN: DN40CF (2 ¾" OD flange) Vacuum Leak Rate: UHV <5x10 ⁻¹⁰ mbar.l/s	2
23	330-ANTISEIZE CF Bolt Thread Lubricant Weight: 30g	4
24	413-CFT16 Flange: 16CF Length: 38mm Tube OD: 19mm Vacuum: UHV to 10 ⁻¹² mbar Material: 316L (1.4404 SS) Stainless Steel Temp.: -270°C to 450°C	4
25	413-CFT40 Flange: 40CF Length: 63mm Tube OD: 40mm Vacuum: UHV to 10 ⁻¹² mbar Material: 316L (1.4404 SS) Stainless Steel Temp.: -270°C to 450°C	4