

Servo Cables CP



Eland Product Group: V50

APPLICATION

Low capacity connection cable between servo controller and frequency driven motor. The Servo Cable CP is suitable for application in machine tools and drag chains with medium mechanical stress.

CHARACTERISTICS

Voltage Rating U₀/U
0.6/1kV

Temperature Rating
Fixed: -50°C to +80°C
Installation: -40°C to +80°C

Minimum Bending Radius
Fixed: 5 x overall diameter
Flexed: 7.5 x overall diameter

CONSTRUCTION

Conductor
Class 6 Fine Stranded Bare Copper

Insulation
PP (Polypropylen)

Screen
TCWB (Tinned Copper Wire Braid)

Outer Sheath
PUR (Polyurethane)

Core Identification
● Black numbered + ● Green/Yellow

Sheath Colour
● Orange

STANDARDS

Siemens Standard 6FX8008+, BS EN 60811-404, VDE 0482-332-1-2

Fire Retardant according to: BS EN/IEC 60332-1

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved prod



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V5004031OR000	4	1.5	9	159
V5004041OR000	4	2.5	10.6	235
V5004051OR000	4	4	11.9	323
V5004061OR000	4	6	14.7	464
V5004071OR000	4	10	17.5	672
V5004081OR000	4	16	21.6	1089
V5004091OR000	4	25	25.4	1523
V5004101OR000	4	35	28.6	2080
V5004111OR000	4	50	33.4	2710
V5004121OR000	4	70	42.5	4123

Earth Conductor

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²		NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
		First Conductor	Second Conductor		
V5004033OR000	4+2	1.5	1.5	11.6	244
V5004043OR000	4+2	2.5	1.5	13.4	310
V5004053OR000	4+2	4	1.5	14.8	408
V5004063OR000	4+2	6	1.5	16.8	540
V5004073OR000	4+2	10	1.5	19.9	782
V5004083OR000	4+2	16	1.5	22.5	1101
V5004093OR000	4+2	25	1.5	26.2	1490
V5004103OR000	4+2	35	1.5	29.8	2015
V5004113OR000	4+2	50	1.5	34	2754

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.