

BO HF SERVO1000 PUR UL CSA ACC. TO SIEMENS®

EXTRAFLEX CU/PP/C/PUR



Image for illustration only

Conductor:	Bare copper according to VDE 0295 - IEC 60228 cl.6
Insulation:	Polypropylene compound
Colour Code:	Power: Black with white numbers + G/Y
Wrapping:	Cores twisted in pairs + non woven tape overlapped Taping: Non woven tape
Screen:	Tinned copper braid, optical coverage approx 85% Taping: Non woven tape
Outer Sheath:	Polyurethane compound Colour: Orange, RAL 2003 (or to be agreed)
Cable Printing:	- Standard
Technical Data & Standard References	TEMPERATURE RANGE -30°C +90°C (Flexible application) -40°C +90°C (Fixed installation)
	Working Voltage: 1000V Test Voltage: 4000V Insulation Resistance: At 20°C > 1 GΩ Km Conductor Resistance: Max at 20°C in accordance with IEC 60228 and VDE 0812
	Bending Radius: 6,5 X D (Flexible application) - 4 X D (Fixed installation) Maximum Speed: Up to 300 m/min Maximum Acceleration: Up to 50 m/sec² Length of Chain: 15m (Orizontal only) Cycle Number: 5.000.000
	Halogen Free: IEC 60754-1 Flame Resistance: IEC 60332-1-2, UL 1581 VW-1, CSA FT1 Oil Resistance: VDE 0473-811-404, UL 1581, IEC 60811-404 UV Resistance: Yes Abrasion Resistance: ASTM D 4060 Water Resistance: EN 60811-1-3

MUD Resistance: NEK 606
Microbe: Resistance: VDE 0282/10
Ozone: Resistance: EN 50396 Art. 8.1.3
Approvals: UL STYLE 21209

TECHNICAL DATA AND PRODUCT FEATURES

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	TEST VOLTAGE 4000 V
	INSULATION RESISTANCE At 20°C > 1 GΩ Km
	CONDUCTOR RESISTANCE Max at 20°C in accordance with IEC 60228 and VDE 0812
	HALOGEN FREE IEC 60754-1
	FLAME RESISTANCE IEC 60332-1-2, UL 1581, CSA FT1
	OIL RESISTANCE VDE 0473-811-404, UL 1581, IEC 60811-404
	UV RESISTANCE Yes
	ABRASION RESISTANCE ASTM D 4060
	WATER RESISTANCE EN 60811-1-3

	MUD RESISTANCE NEK 606
	MICROBE RESISTANCE VDE 0282/10
	OZONE RESISTANCE EN 50396 Art. 8.1.3
	APPROVALS UL STYLE 21209

Application: PUR Shielded multi core cables with low capacity insulation and polyurethane sheath for heavy applications on dragchains with high speed and with presence of oils, high abrasion resistance.