

BO HF 1000CP UL CSA

CU/PP/C/PUR

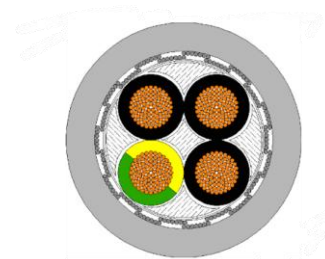
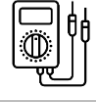
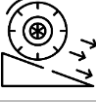


Image for illustration only

Conductor:	Bare copper according to VDE 0295 - IEC 60228 cl.6
Insulation:	Polypropylene compound
Colour Code:	Black with white numbers + G/Y
Screen:	N.A.
Wrapping:	Conductors cabled together with optimal lay-length, fillers admitted Taping: Non woven tape
Screen:	Tinned copper braid, optical coverage approx 85% Taping: Non woven tape
Outer Sheath:	Polyurethane compound Colour: Grey, RAL 7001 (or to be agreed)
Cable Printing:	- Standard
Technical Data & Standard References	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/sec ² 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
Aprovals: UL STYLE 21209

TECHNICAL DATA AND PRODUCT FEATURES

	TEMPERATURE RANGE -30°C +90°C (Flexible application) -40°C +90°C (Fixed installation)
	WORKING VOLTAGE 1000 V
	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 20233 – 20549

Application: Shielded multi-polar cables with low capacity insulation and polyurethane sheath for heavy applications on drag chains with high speed and with presence of oils, high abrasion resistance

Grey outer sheath colour

Botec P/N	Cores x size mm ²	Nominal diam. Under armour (+/- 10%) mm	Nominal overall diam. (+/- 10%) mm	Cable weight kg/km	Conductor resistance Ohm/km
50100203075	2x3x0,75	13,6	18,5	520	26,7
50100102100	1x2x1	9,30	13,20	260	18,1
50100203075	2x3x0,75	13,6	18,5	520	26,7
50100102100	1x2x1	9,30	13,20	260	18,1
50100203075	2x3x0,75	13,6	18,5	520	26,7
50100102100	1x2x1	9,30	13,20	260	18,1
50100203075	2x3x0,75	13,6	18,5	520	26,7
50100102100	1x2x1	9,30	13,20	260	18,1
50100203075	2x3x0,75	13,6	18,5	520	26,7
50100102100	1x2x1	9,30	13,20	260	18,1

Blue outer sheath colour

Botec P/N	Cores x size mm ²	Nominal diam. Under armour (+/- 10%) mm	Nominal overall diam. (+/- 10%) mm	Cable weight kg/km	Conductor resistance Ohm/km
00100004	00100004	00100004	00100004	00100004	26,7
00100014	00100014	00100014	00100014	00100014	18,1
00101224	00101224	00101224	00101224	00101224	26,7
00100024	00100024	00100024	00100024	00100024	26,7
00101234	00101234	00101234	00101234	00101234	26,7
00100034	00100034	00100034	00100034	00100034	26,7