



CBL S

(CBL S)

**SUPER SAX
MOTOR
CABLES**

Preassembled shielded, power and feedback cables. Current rating up to 20 Arms for the power cables. All cables are for mobile usage.



STANDARD FEATURES

- Suitable for cable chain tracks
- External sheath:..... PUR polyurethane - 11Y
- Conductor insulation:..... TPE polyester - 12Y
- DIN VDE approvals
- DESINA® colours

power cable:.....	orange	RAL 2003
feedback cable:.....	green	RAL 6018
hybrid power+feedback cable:.....	orange	RAL 2003
- RoHS compliant
- Halogen - free
- Flame retardant and self extinguishing
- Oil and chemical resistance

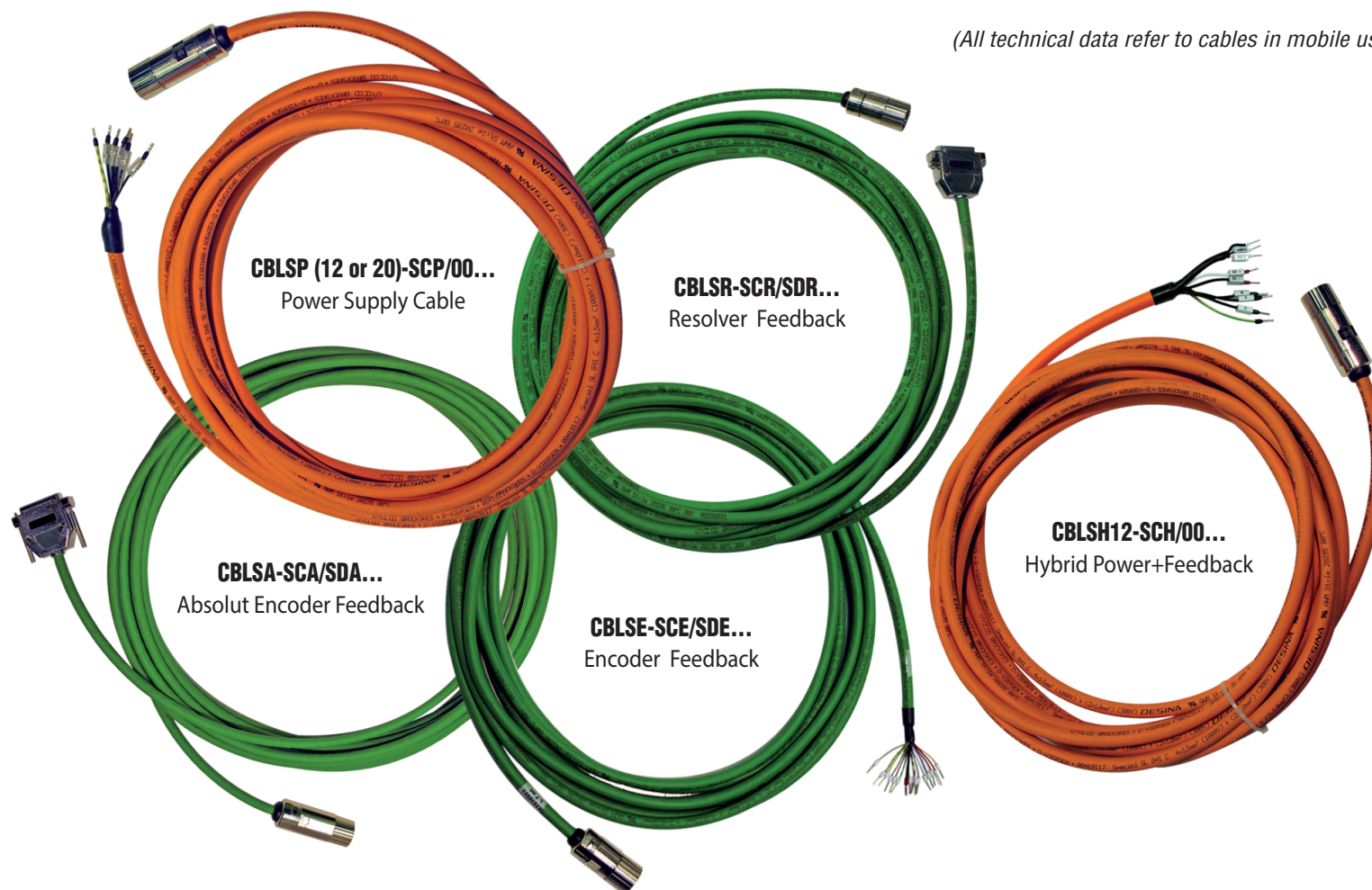
SPECIFICATIONS

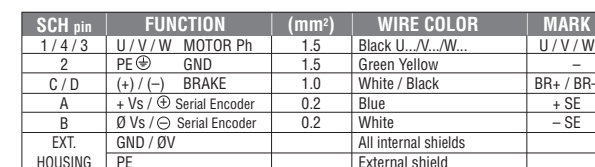
- Trailing speed..... 180 m / min max
- Acceleration/Deceleration..... 7 m / sec² max
- Operating life..... 5 million bending cycles
- Minimum bending radius:..... 12 x cable diameter
- Capacitance between conductors:..... < 100pF/m (60°C)
- Conductor resistance (20°C):.....

- 1.5 mm ²	= 13.5 Ω / Km max
- 2.5 mm ²	= 8 Ω / Km max
- 1.0 mm ²	= 19.5 Ω / Km max
- 0.5 mm ²	= 40 Ω / Km max
- Working voltage:.....

- For conductors ≤ 1 mm ²	= 300V
- For conductors ≥ 1.5 mm ²	= 1000V
- Operating temperature:..... - 20 - +70 °C

(All technical data refer to cables in mobile usage)





CBLS		P	12	-	SCP	/	00	-	100	SXXX
NAME: _____	TYPE: _____	CURRENT RATING: _____	ASSEMBLY MOTOR SIDE: _____	ASSEMBLY DRIVE SIDE: _____	LENGTH: _____	SPEC NUMBER (opt): _____				
Preassembled cables for SSAX servomotors	PX = Power cable w/out brake (orange) P = Power cable with brake (orange) R = Resolver cable (green) E = Commutation encoder cable (green) A = Absolute encoder (green) H = Hybrid Power+Serial Encoder (orange)	00 =Signal cable 12 =Up to 12 Arms 20 =Up to 20 Arms	SCP = Screw power conn. SCE = Screw encoder conn. SCR = Screw resolver conn. SCA = Screw absolute enc. conn. SCH = Screw Hybrid conn.	00 = Flying leads (no connector) SDR = SubD resolver connector (25 pin) SDE = SubD encoder connector (25 pin) SDA = SubD absolute enc.conn. (25 pin)	035 = 3.5m 050 = 5 m 070 = 7 m 100 = 10 m 150 = 15 m 200 = 20 m	001-999 = spec number				