



**LEDBURN CABLES IS
AN INDEPENDENTLY
OWNED CABLE
DISTRIBUTOR.**

FLEX-JB YELLOW

Flexible control cable, coloured coded



Application:

For electrical circuits that remain 'live' after the main switch has been disconnected Service sockets and illumination circuits in electrical switchboards and cabinets suitable for torsional applications which are typical for the loop in wind turbine generators (WTG).

Construction

- Fine-wire strand made of bare copper wires
- PVC core insulation
- Cores stranded in layers
- PVC outer sheath
- Good chemical resistance

Technical Information

Conductor Material	bare copper
Conductor class	Class 5 acc. to DIN VDE 0295 resp. IEC 60228
core insulation	PVC
core identification	VDE 0293-308
stranding	Cores stranded in layers
outer sheath	PVC
sheath colour	Yellow (RAL 1016)
rated voltage [V]	450/750
testing voltage [V]	4000
conductor resistance	
insulation resistance	20 Ohm x cm
current carrying capacity	
min. bending radius fixed [xd]	4 x d
min. bending radius moved [xd]	15 x d
working temp fixed min/max [C]	-40°C up to +80°C
working temp moved min/mac [C]	-5°C up to +70°C
temp at conductor max.	
burning behaviour	IEC 60332-1-2: flame-retardant
Approvals	Based on IEC 60227-5 and EN 50525-2-51

Cable

Part No.	no. of cores x cross section mm ²	outer Ø ca. mm	copper weight kg/100m	weight kg/100m
11030150 GELB	3 x 1.5	8.1	4.30	9.50
11030250 GELB	3 x 2.5	9.6	7.20	15.20
11040150 GELB	4 x 1.5	8.9	5.80	11.70
11040250 GELB	4 x 2.5	10.7	9.60	20.50
11050150 GELB	5 x 1.5	10.0	7.20	14.40
11050250 GELB	5 x 2.5	11.8	12.00	22.50