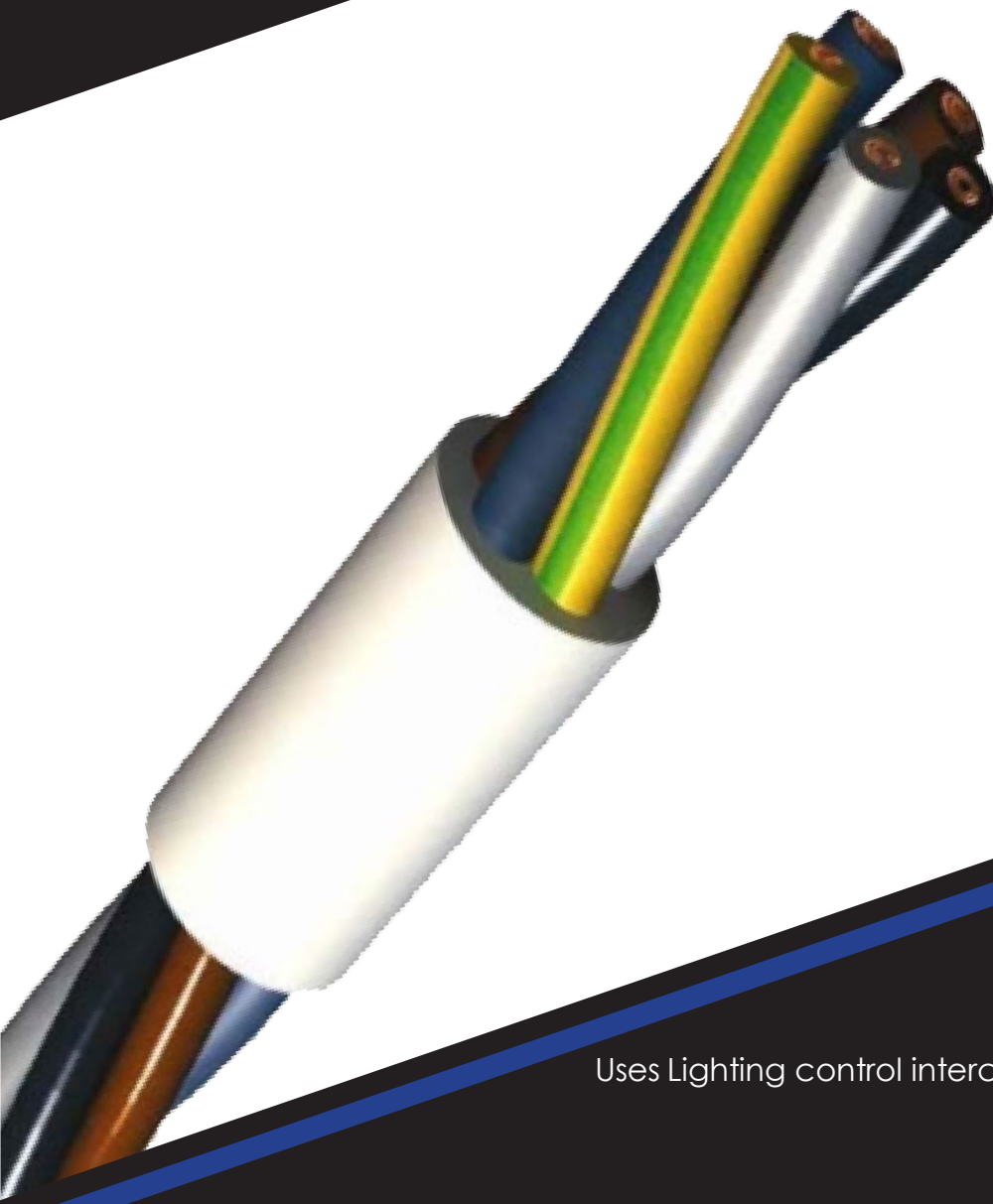


# ELO-FLEX 70

70 degree halogen free flexible multi conductor cable available as CPR classification Eca – Dca – Cca



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## Uses

Uses Lighting control interconnectivity / Power Circuit Lighting Cable

## Construction

Flexible stranded bare copper conductor (class 5) to CEI 20-29 DIN-VDE 0295.

LSOH special heat resistant halogen free insulation compound type T16-HD21.14 SI annex A

Colour coded cores as per VDE 0293& HD308 (also as per table attached)

LSOH special heat resistant halogen free sheath – compound type T17-HD21.14 SI annex B

# ELO-FLEX 70

## TECHNICAL DETAILS

### Voltage

Nominal voltage 300/500V  
Spark test voltage 3000V

### Core colours

2 Core Brown, Blue  
3 Core Brown, Blue, Green/Yellow  
4 Core Brown, Blue, Green/Yellow, Black  
5 Core Brown, Blue, Green/Yellow, White, Red  
6 Core Brown, Blue, Green/Yellow, Red, White, Black

### Working temperature

Occasional flexing 15 degrees to +70 degrees  
Fixed installation 15 degrees to +70 degrees

### Minimum bending radius

Occasional flexing 15 x outer diameter  
Fixed installation 4 x outer diameter

SIZE	STD LSOH Current (amps)	CABLE O/D MM	CABLE WEIGHT KG/KM
3 Core 0.75mm	12.5	6.3	67
3 Core 1mm	15	6.9	76
3 Core 1.5mm	16	7.5	95
3 Core 2.5mm	24	8.1	130
3 Core 4mm	34	10	200
3 Core 6mm	43	11.5	278
3 Core 10mm	60	14.5	467
3 Core 16mm	81	17.8	695
3 Core 25mm	108	21.5	930
4 Core 1mm	15	7.8	93
4 Core 1.5mm	16	9	117
4 Core 2.5mm	24	9	164
4 Core 4mm	34	10.9	248
4 Core 6mm	43	12.5	350
4 Core 10mm	60	16.3	600
4 Core 16mm	81	19.4	954
4 Core 25mm	108	24	1349

See next page for 5 & 6 Core pricing

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## TECHNICAL DETAILS

### Voltage

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### Core colours

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4 Core	Brown, Blue, Green/Yellow, Black
5 Core	Brown, Blue, Green/Yellow, White, Red
6 Core	Brown, Blue, Green/Yellow, Red, White, Black

### Working temperature

Occasional flexing 15 degrees to +70 degrees  
Fixed installation 15 degrees to +70 degrees

### Minimum bending radius

Occasional flexing 15 x outer diameter  
Fixed installation 4 x outer diameter

SIZE	STD LSOH Current (amps)	CABLE O/D MM	CABLE WEIGHT KG/KM
5 Core 1mm	15	8.2	120
5 Core 1.5mm	16	9.6	156
5 Core 2.5mm	24	10	197
5 Core 4mm	34	12.2	304
5 Core 6mm	43	14	424
5 Core 10mm	60	18.1	719
5 Core 16mm	81	21.9	1122
5 Core 25mm	108	26.8	1686
6 Core 0.75mm	12.5	8.3	123
6 Core 1mm	15	9	142
6 Core 1.5mm	16	9.9	185

### Applicable standards

Flame retardant according to IEC60332-1-2 (flame spread on a single cable) BS EN50525-3-11  
No flame propagation according to IEC 60332-3-24 respectively IEC 60332-3-25 (flame spread on a vertical wire bundle) Halogen free according to IEC60754-1 (Amount of halogen gas)  
Corrosiveness of combustion gases according to IEC 60754-2  
Low smoke density according to IEC 61034  
Cable conforms to low voltage directive (LVD) 2006/95/EC CE