



## EEBI 60V



### Armoured tele cable

**Star quad**  
**Indoor / outdoor**  
**Steel tape armouring**  
**LSFROH materials**

Pair cable for direct burial or indoor use. The cable has a steel tape armour which gives good mechanical resistance to compression and protection against rodents. The steel tape also reduces low frequency noise. Copper conductor with solid PE insulation. All cores and 5 quad units are colour coded for easy identification. PE inner sheath and two steel tapes. The outer sheath is made of black flame retardant halogenfree material, and marked to show cable type, conductor dimension, number of pairs, metre and production year.

### Cable construction

Rev.3.

No. of pairs	Conductor diameter (mmø)	Insulation thickness (mm)	Inner sheath (mm)	Armouring (mm)	Outer sheath (mm)	Overall diameter (mm)	Weight (kg/km)
2	0.6	0.25	1.6	0.2	1.2	9.2	121
6	0.6	0.25	1.0	0.3	1.2	11.2	193
10	0.6	0.25	1.0	0.3	1.2	12.6	249
20	0.6	0.25	1.2	0.5	1.3	20.2	568
30	0.6	0.25	1.2	0.5	1.4	21.4	674
50	0.6	0.25	1.2	0.5	1.4	25.0	925
6	0.9	0.30	1.2	0.5	1.3	14.5	363
10	0.9	0.30	1.2	0.5	1.3	16.3	472
20	0.9	0.30	1.2	0.5	1.4	24.8	873
30	0.9	0.30	1.2	0.5	1.4	27.1	1062

### Cable properties

<b>Bending</b>		<b>Temperature window</b>	
Min. bending diameter	15 X D	Operation	-30°C to +70°C
		Flame retardant	IEC60332-1

### Tensile load

Number of pairs, 0.6 mm conductor	2	6	10	20	30	50
Max. tensile load, installation (kN)	0.2	0.6	0.8	1.7	2.0	3.3
Max. tensile load, operation (kN)	0.1	0.3	0.4	0.9	1.0	1.7
Number of pairs, 0.9 mm conductor	6	10	20	30		
Max. tensile load, installation (kN)	1.1	1.8	3.0	4.5		
Max. tensile load, operation (kN)	0.3	0.4	0.9	1.0		

### Electrical data

	2pair 0.6	≥6pair 0.6	0.9
Capacitance, max average (nF/km)	45 ± 10	45±5	45±5
Capacitance unbalance, max. value (pF/km)	1000	500	500
DC resistance, loop, max average (ohm/km)	130	130	58
Attenuation, 800 Hz (dB/km)	1.05	1.05	0.7
Impedance 800 Hz (ohm)	745	745	500



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### Colour code

From 2 to 10 pair:

Quad No.	Pair No.	Colour
1	1	Blue
	2	Red
2	3	Green
	4	Black
3	5	White
	6	Red
4	7	Green
	8	Black
5	9	Yellow
	10	Red
		Green
		Black

20 – 50 pair cables is build up from 5 quad units. Each units are colour coded for easy identification with a coloured 3mm tape

No. of pairs	Tape colour
20	Blue White
30	Blue White Yellow
50	Blue White Yellow Grey Orange

### Ordering information

No. of pairs	Draka part No.	Cable code
2	350270	A2-0.6 EEBI
6	350271	A6-0.6 EEBI
10	350272	A10-0.6 EEBI
20	350273	A20-0.6 EEBI
30	350274	A30-0.6 EEBI
50	350275	A50-0.6 EEBI
6	350280	A6-0.9 EEBI
10	350281	A10-0.9 EEBI
20	350282	A20-0.9 EEBI
30	350283	A30-0.9 EEBI