

ELECTROAIR®

KQ Hybrid cables



- 1 • Tinned or plain copper core (Table n°1)
- 2 • Securing cords in polyester (Table n°1)
- 3 • Insulation in thermoplastic or fluoropolymer (Table n°1)
- 4 • Tinned copper braid (general / individual or both - Table n°1)
- 5 • Polyester tape
- 6 • Polyurethane sheath

Standards and approvals

Construction:

- DGA specifications

Performances:

- SEFT 027

Marking

"N° KQ CGP SAINT-CHAMOND FRANCE
Manufacturing Year"

Applications

Audio
Data transmission
Remote control cables for armoured personnel carrier

Options

Other models on request

Characteristics

- Thermal

Continuous operating temperature:
-40°C to +85°C

- Electrical

Operating voltage: Depending on model
(see Table n°2)

- Mechanical

Cutthrough resistance: ★★★★★

Resistance to abrasion: ★★★★★

Alternate bending resistance: ★★★★★
SEFT 027

- Chemical

Immersion: Permanent AD8

Resistance to sea water: ★★★★★

Oil resistance: ★★★★★

Hydrocarbons resistance: ★★★★★

Biological agents resistance: ★★★★★
SEFT 027

- Fire-smoke

Flame retardant
SEFT 027

- Outdoor use

UV resistance: ★★★★★

CONSTRUCTION INFORMATION

N° KQ	Cable composition	Number of cores	Copper Core	Insulation	Sheath
KQ 9A	[4 x 20 AWG] BI	4	Tinned	Thermoplastic	PU
KQ 28A	[5 x 20 AWG] BG	5	Tinned	Thermoplastic	PU
KQ 29A	[14 x 22 AWG + [5 x 22 AWG] BI] BG	19	Tinned	Thermoplastic	PU
KQ 30A	[8 x 22 AWG + [4 x 22 AWG] BI] BG	12	Tinned	Thermoplastic	PU
KQ 31A	[7 x 16 AWG] BG	7	Tinned	Thermoplastic	PU
KQ 38A	[[3 P 24 AWG] BI + [2 x 22 AWG] BI + 33 x 22 AWG] BG	41	Tinned	Thermoplastic	PU
KQ 47A	[3 x 16 AWG] BG	3	Tinned	Fluoropolymer	PU
KQ 48A	[6 x 20 AWG] BG	6	Tinned	Fluoropolymer	PU
KQ 49A	[8 x 16 AWG] BG	8	Tinned	Fluoropolymer	PU
KQ 50A	[19 x 12 AWG] BG	19	Tinned	Fluoropolymer	PU
KQ 51A	[3 P 22 AWG] BG	6	Tinned	Fluoropolymer	PU
KQ 52A	[11 P 24 AWG] BG	22	Tinned	Fluoropolymer	PU
KQ 53A	[27 P 24 AWG] BG	54	Tinned	Fluoropolymer	PU
KQ 55A	[3 x 20 AWG + SC] BG	3	Tinned	Fluoropolymer	PU
KQ 60A	[5 x 12 AWG + 20 AWG] BG	6	Tinned	Fluoropolymer	PU
KQ 61A	[5 x 10 AWG + 20 AWG] BG	6	Tinned	Fluoropolymer	PU
KQ 62A	[[2 x 26 AWG] BI + 4 P 26 AWG] BG	6	Plain	Fluoropolymer	PU
KQ 63A	[4 x 20 AWG] BG	4	Tinned	Fluoropolymer	PU
KQ 65A	[16 x 16 AWG] BG	16	Tinned	Fluoropolymer	PU
KQ 66A	[4 x 24 AWG + [2 x 24 AWG] BI + SC] BG	6	Tinned	Fluoropolymer	PU

BI = INDIVIDUAL SHIELDING OF EACH CONDUCTORS / BG = GENERAL SHIELDING / P = ASSEMBLING BY PAIR / SC = SECURING CORD

TECHNICAL INFORMATION

CGP Reference N° KQ	Operating Voltage (V RMS)	Cable outer diameter (mm)		Approx. linear weight (kg / km)	Maximum linear resistance at 20°C (Ω / km)
		Mini	Maxi		
KQ 9A	600	7.10	7.50	80.0	35.0
KQ 28A	250	7.30	7.90	110.0	34.0
KQ 29A	600	13.20	13.80	280.0	59.0
KQ 30A	250	12.80	13.80	330.0	60.0
KQ 31A	600	14.20	15.00	345.0	15.0
KQ 38A	600	18.10	18.90	241.0	96.0 (3P) / 59.0 (2x) / 54.0 (33x)
KQ 47A	250	6.40	7.00	90.0	17.0
KQ 48A	250	6.70	7.30	100.0	35.0
KQ 49A	250	10.20	10.80	300.0	17.0
KQ 50A	350	19.20	19.80	1,000.0	6.5.0
KQ 51A	250	8.10	8.70	200.0	55.0
KQ 52A	350	10.00	11.00	185.0	105.0
KQ 53A	350	15.40	17.00	440.0	105.0
KQ 55A	250	5.50	5.90	60.0	35.0
KQ 60A	600	12.80	13.80	330.0	34.0 (20 AWG) / 6.7 (12 AWG)
KQ 61A	350	14.50	16.50	523.0	34.0 (20 AWG) / 4.0 (10 AWG)
KQ 62A	100	6.70	7.30	70.0	210.0
KQ 63A	100	7.00	7.30	70.0	50.0
KQ 65A	600	12.70	13.70	380.0	15.0
KQ 66A	100	7.00	7.30	70.0	92.0