

MILITARY CABLES

KQ Range





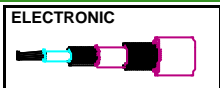
Filotex[®]

Special cables For military applications.

KQ range

In accordance with the SEFT 027 standard

Page N°	FILOTEX reference KQ N°	Nber of cond.	Overall screen	Max. outside diameter	Average weight (kg/km)	Linear electrical resistance	Operating voltage (V)	NATO part number	SEFT 027 FCQ N°
3	KQ 9A	4	no	7.5	78	< 35	850Vdc / 600 V RMS	228 21 84	304
4	KQ 28A	5	yes	7.9	109	< 34	350Vdc / 250 V RMS	270 81 00	307
5	KQ 29A	19	yes	13.8	280	< 58,6	850Vdc / 600 V RMS	258 81 45	300
6	KQ 30A	12	yes	11.2	200	< 58,6	350Vdc / 250 V RMS	258 81 44	278
7	KQ 31A	7	yes	15	345	< 15	850Vdc / 600 V RMS	258 81 43	306
8	KQ 38A	41	yes	18.9	241	0,22mm ² < 96,1	850Vdc / 600 V RMS		
						0,34mm ² < 58,6	850Vdc / 600 V RMS	298 18 92	316
						0,38mm ² < 53,5	850Vdc / 600 V RMS		
9	KQ 47A	3	yes	7.9	100	< 17	350Vdc / 250 V RMS	361 15 26	219
10	KQ 48A	6	yes	8.6	115	< 35	350Vdc / 250 V RMS	361 15 27	205
11	KQ 49A	8	yes	10.5	300	< 17	350Vdc / 250 V RMS	361 15 28	207
12	KQ 50A	19	yes	20.8	1000	< 6,5	350Vdc / 250 V RMS	361 15 29	206
13	KQ 51A	6	yes	8.7	200	< 55	350Vdc / 250 V RMS	361 15 30	236
14	KQ 52A	22	yes	11	185	< 105	350Vdc / 250 V RMS	361 15 31	224
15	KQ 53A	55	yes	17	440	< 105	350Vdc / 250 V RMS	361 15 32	225
16	KQ 55A	3	yes	5.9	65	< 35	350Vdc / 250 V RMS	361 34 60	227
17	KQ 60A	6	yes	14	138	0,60mm ² < 34	850Vdc / 600 V RMS		
						3.18mm ² < 6.7	850Vdc / 600 V RMS	362 34 65	229
18	KQ 61A	6	yes	16.5	523	0,60mm ² < 34	850Vdc / 600 V RMS		
						5.15mm ² < 4	850Vdc / 600 V RMS	362 34 66	230
19	KQ 62A	10	yes	7.3	80	< 210	200Vdc / 100 V RMS	362 34 67	258
20	KQ63A	4	no	7.3	70	< 50	200Vdc / 100 V RMS	362 34 68	260
21	KQ65A	16	yes	12.9	378	< 15	850Vdc / 600 V RMS	361 34 60	228
22	KQ 66A	10	no	7.3	70	< 92	200Vdc / 100 V RMS	031 02 86	211



Filotex[®]

Screened cable, For military applications, KQ9A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 61 783**

NATO Code :
6145 14 228 2184

CONSTRUCTION

- ① 4 Screened Cores
76x0.10 mm tinned copper
Section 0,6 mm² / AWG 20
PVC Insulation Ø = 1.70 mm
Braid : Tinned copper K=60%
Polyester tape
- ② Polyester separator tape
- ③ Black Polyurethane Jacket
Ø = 7.3 mm ± 0,2

Applications

- ❑ In accordance with the SEFT027 / KQ9A norm (FCQ 304).

Characteristics

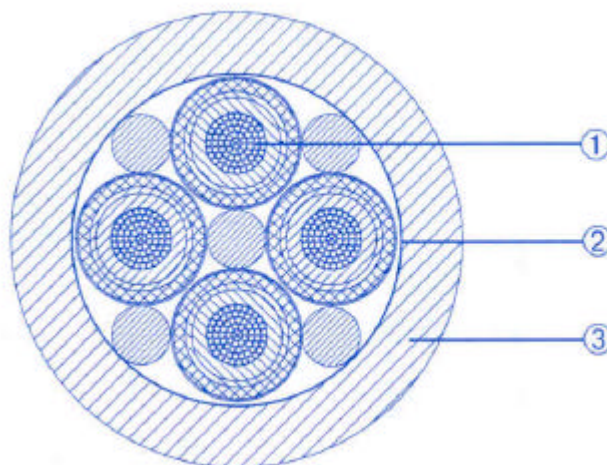
- ❑ Cable of 4 individually screened conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 78 kg/km.

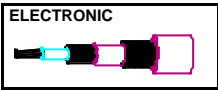
Color code

- ❑ Cores : Blue, white, red, green.

Electrical values

- ❑ Operating voltage : 850 V,
- ❑ Linear resistance : ≤ 35 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





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Screened cable, For military applications, KQ28A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 61 005**

NATO Code :
6145 14 270 8100

CONSTRUCTION

- ① 5 CORES
19x0.20 mm tinned copper
Section 0,6 mm² / AWG 20
PVC Insulation Ø = 1.70 mm
- ② Polyester separator tape
- ③ Tinned copper braid
K=85%
Polyester separator tape
- ④ Black Polyurethane jacket
Ø = 7.60 mm ± 0,30

Applications

- ❑ In accordance with the SEFT027 / KQ28A norm (FCQ 307).

Characteristics

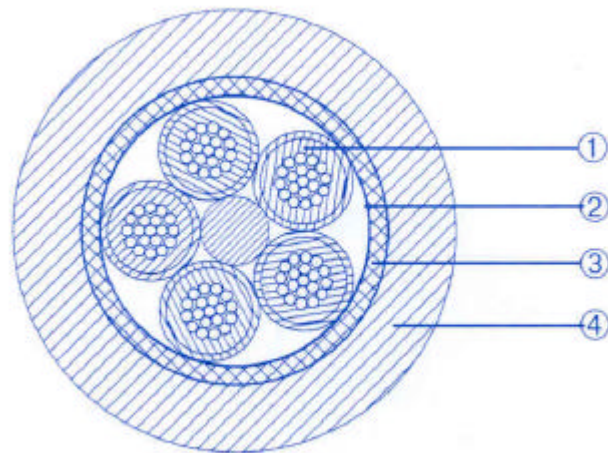
- ❑ Screened cable made of 5 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 109 kg/km.

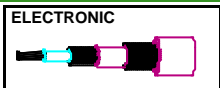
Color code

- ❑ Cores : Black, white, red, blue, yellow.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 34 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ29A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 61 004**

NATO Code :
6145 14 258 8145

CONSTRUCTION

- ① 14 CORES
7x0.25 mm tinned copper
Section 0,34 mm² / AWG 22
PVC Insulation Ø = 1.45 mm
- ② 5 SCREENED CORES
7x0.25 mm tinned copper
Section 0.34 mm² / AWG 22
PVC Insulation
Tinned copper braid K=60%
Polyester tape
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
Polyester separator tape
- ⑤ Black polyurethane jacket
Ø = 13.5 mm ± 0,3

Applications

- ❑ In accordance with the SEFT027 / KQ29A norm (FCQ 300).

Characteristics

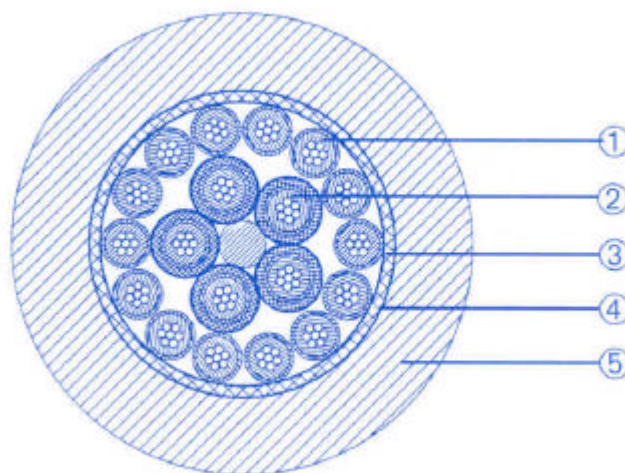
- ❑ Screened cable made of 19 conductors including 5 screened cores, under a polyurethane outer jacket,
- ❑ Cable weight : 280 kg/km.

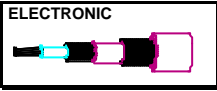
Color code

- ❑ Cores : White/green, blue/yellow, blue/brown, blue/black, blue/red, blue/green, yellow/brown, yellow/black, yellow/red, yellow/green, brown/black, brown/red, brown/green, black/red,
- ❑ Screened cores : White/blue, white/yellow, white/brown, white/black, white/red.

Electrical values

- ❑ Operating voltage : 850 V,
- ❑ Linear resistance : ≤ 58.6 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ30A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 689**

NATO Code :
6145 14 258 8144

CONSTRUCTION

- ① 8 CORES
7x0.25 mm tinned copper
Section 0,34 mm² / AWG 22
PVC Insulation Ø = 1.45 mm
- ② 4 SCREENED CORES
7x0.25 tinned copper
Section 0,34 mm² / AWG 22
Insulation PVC Ø = 1.45 mm
Tinned copper braid
K=34%
Polyester separator tape
- ③ Polyester separator tape
- ④ Tinned copper braid K=72%
- ⑤ Black polyurethane jacket
Ø = 10.9 mm ± 0,3

Applications

- ❑ In accordance with the SEFT027 / KQ30A norm (FCQ 278).

Characteristics

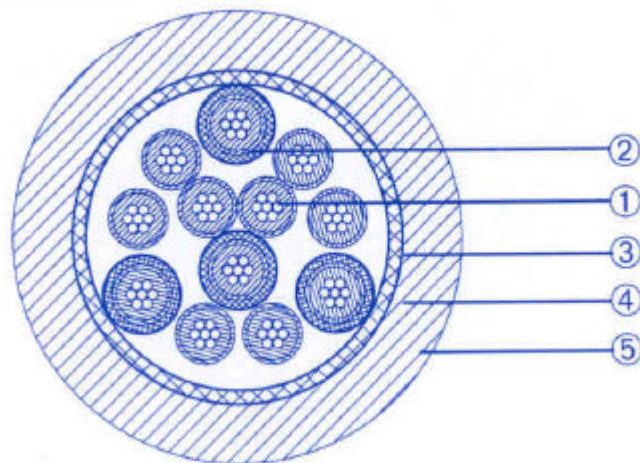
- ❑ Screened cable made of 12 conductors including 4 individually screened cores, under a polyurethane outer jacket,
- ❑ Cable weight : 200 kg/km.

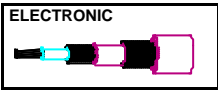
Color code

- ❑ Cores : White/blue, white/yellow, blue/yellow, blue/brown, blue/black, blue/red, blue/green, yellow/brown,
- ❑ Screened cores : White/brown, white/black, white/red, white/green.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 60 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex[®]

Screened cable, For military applications, KQ31A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 61 754**

NATO Code :
6145 14 258 8143

Applications

- ❑ In accordance with the SEFT027 / KQ31A norm (FCQ 306).

Characteristics

- ❑ Screened cable made of 7 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 345 kg/km.

Color code

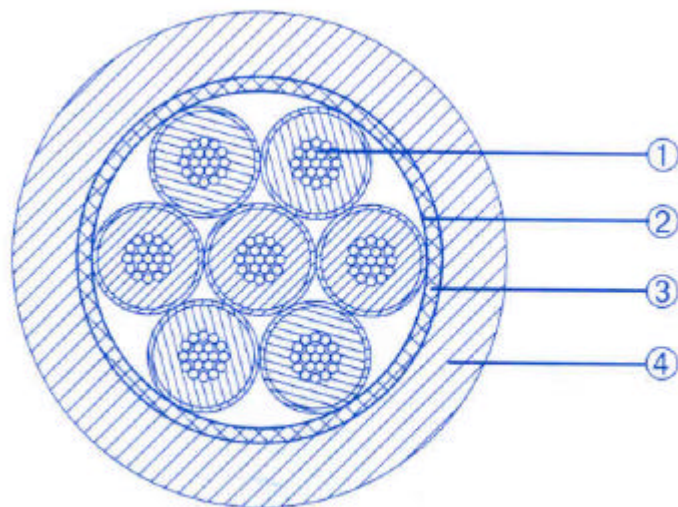
- ❑ Cores : White, black, red, yellow, green, light blue, grey.

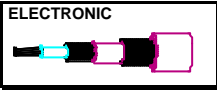
CONSTRUCTION

- ① 7 CORES
19x0.30 mm tinned copper
Section 1.34 mm² / AWG 16
PVC Insulation Ø = 3.30 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=85%
Polyester separator tape
- ④ Black polyurethane jacket
Ø = 14.6 mm ± 0.4

Electrical values

- ❑ Operating voltage : 850 V,
- ❑ Linear resistance : ≤ 15 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex[®]

Screened cable, For military applications, KQ38A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 42 647**

NATO Code :
6145 14 298 1892

CONSTRUCTION

- ① 3 SCREENED PAIRS
7x0.20 mm tinned copper
Section 0.22 mm² / AWG 24
PVC Insulation $\varnothing = 1.30$ mm
2 twisted cores
Polyester separator tape
Tinned copper braid K=60%
- ② 2 SCREENED CORES
7x0.25 mm tinned copper
Section 0.34 mm² / AWG 22
PVC Insulation
Polyester separator tape
Tinned copper braid K=60%
- ③ 33 CORES
12x0.20 mm tinned copper
Section 0.38 mm² / AWG 22
PVC Insulation
- ④ Polyester separator tape
- ⑤ Tinned copper braid K=85%
Polyester separator tape
- ⑥ Black polyurethane jacket
 $\varnothing = 18.5$ mm ± 0.4

Applications

- ❑ In accordance with the SEFT027 / KQ38A norm (FCQ 316).

Characteristics

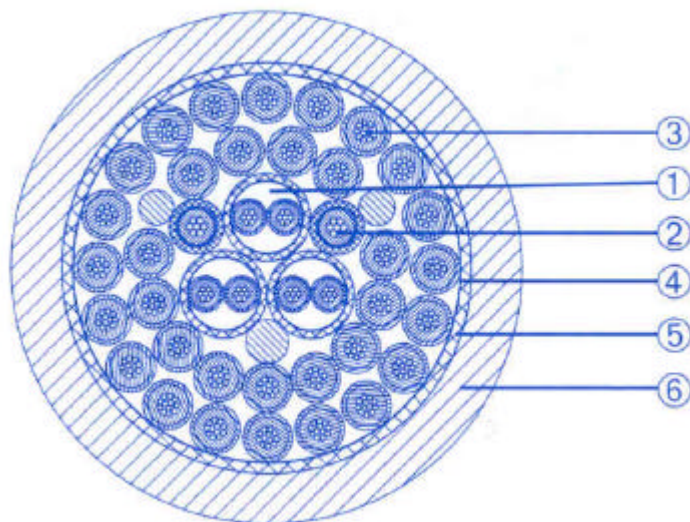
- ❑ Screened cable made of 41 conductors including 3 screened pairs and 2 screened cores, under a polyurethane outer jacket,
- ❑ Cable weight : 241 kg/km.

Color code

- ❑ Screened pairs : Green/violet and green/blue, green/yellow and green/orange, green/red and green/brown,
- ❑ Screened cores : Red, green,
- ❑ Cores : Yellow/green, yellow/orange, yellow/red, yellow/brown, green/white, green/black, blue/brown, blue, violet, orange, yellow, brown, grey, violet/white, violet/black, violet/blue, violet/green, violet/yellow, black, violet/red, violet/brown, blue/white, blue/black, blue/violet, blue/green, blue/yellow, blue/orange, blue/red, black/red, yellow/white, yellow/black, yellow/violet, yellow/blue.

Electrical values

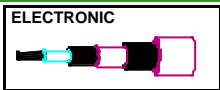
- ❑ Operating voltage : 850 V,
- ❑ Linear resistance :
 - Screened pairs : $\leq 96.1 \Omega / \text{km}$,
 - Screened cores : $= 58.6 \Omega / \text{km}$,
 - Cores : $= 53.5 \Omega / \text{km}$,
- ❑ Insulation resistance : $\geq 10^3 \text{ M}\Omega / \text{km}$.



140 - 146 rue E. Delacroix / BP 1
F - 91211 Draveil cedex - FRANCE
Tel : + 33 1 69 83 78 00
Fax : + 33 1 69 42 05 70

 **Nexans**

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Filotex®

Screened cable, For military applications, KQ47A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 59 708**

NATO Code :
6145 14 361 1526

CONSTRUCTION

- ① 3 CORES
19x0.30 mm tinned copper
Section 1.34 mm² / AWG 16
FEP Insulation Ø = 1.98 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=85%
Polyester separator tape
- ④ Black polyurethane jacket
Ø = 7.60 mm ± 0,30

Applications

- ❑ In accordance with the SEFT027 / KQ47A norm (FCQ 219).

Characteristics

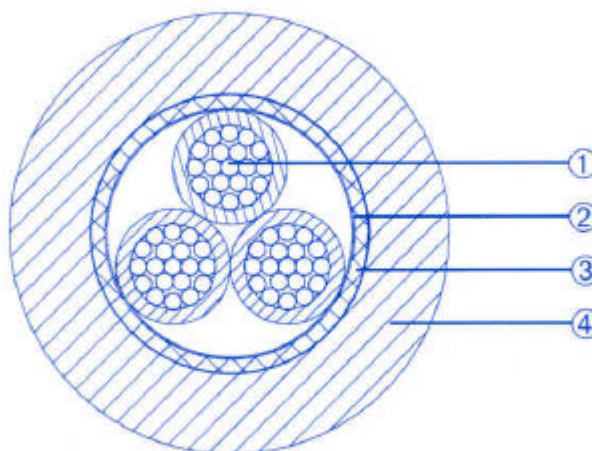
- ❑ Screened cable made of 3 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 100 kg/km.

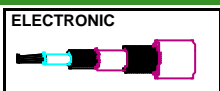
Color code

- ❑ Cores : Black, blue, yellow with green stripes.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 17 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ48A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 691**

NATO Code :
6145 14 361 1527

CONSTRUCTION

- ① 6 CORES
19x0.20 mm tinned copper
Section 0,60 mm² / AWG 20
ETFE Insulation Ø = 1.40 mm
- ② PVC FILLER
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
- ⑤ Black polyurethane jacket
Ø = 8.30 mm ± 0,30

Applications

- ❑ In accordance with the SEFT027 / KQ48A norm (FCQ 205).

Characteristics

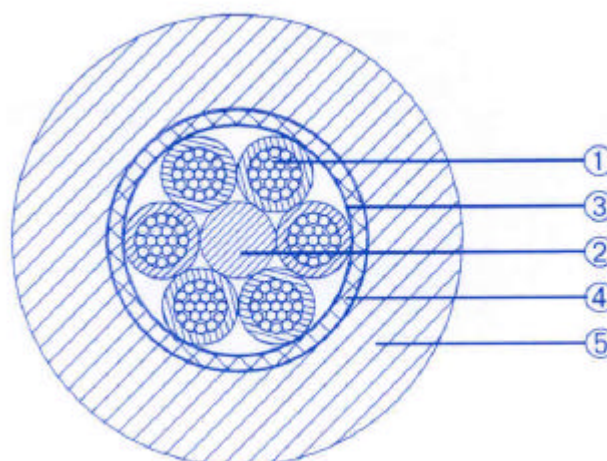
- ❑ Screened cable made of 6 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 115 kg/km.

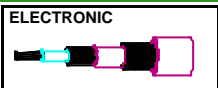
Color code

- ❑ Cores : White, blue, red, yellow, green, black.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 35 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ49A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 692**

NATO Code :
6145 14 361 1528

Applications

- ❑ In accordance with the SEFT027 / KQ49A norm (FCQ 207).

Characteristics

- ❑ Screened cable made of 8 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 300 kg/km.

Color code

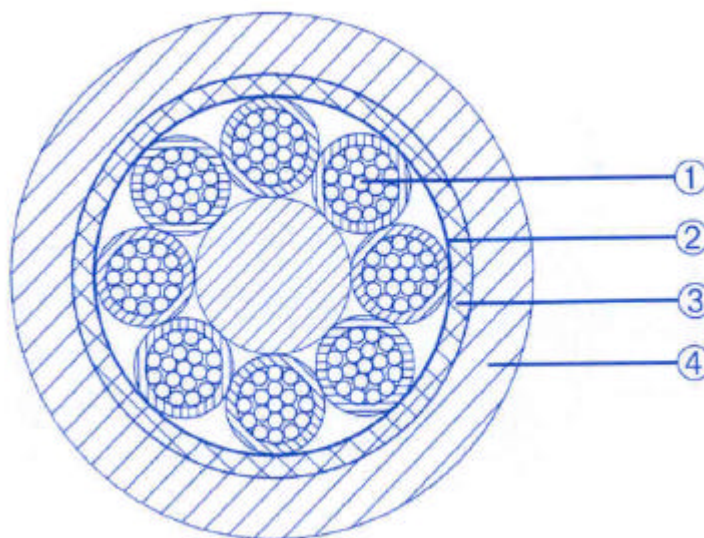
- ❑ Colors : white, blue, red, yellow, green, black, grey, brown,
- ❑ Black numbers on white.

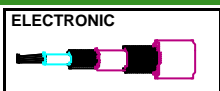
CONSTRUCTION

- ① 8 CORES
19x0.30 mm tinned copper
Section 1.34 mm² / AWG 16
ETFE Insulation Ø = 1.90 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=85%
- ④ Black polyurethane jacket
Ø = 10 mm ± 0.5

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 17 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ50A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 693**

NATO Code :
6145 14 361 1529

CONSTRUCTION

- ① 19 CORES
45x0.30 mm tinned copper
Section 3.18 mm² / AWG 12
ETFE Insulation Ø = 2.80 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=85%
- ④ Black polyurethane jacket
Ø = 19.5 mm ± 0.3

Applications

- ❑ In accordance with the SEFT027 / KQ50A norm (FCQ 206).

Characteristics

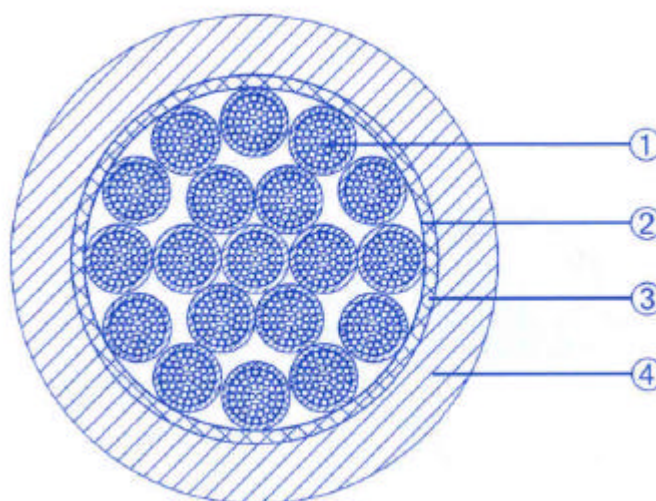
- ❑ Screened cable made of 19 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 1000 kg/km.

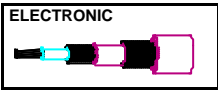
Color code

- ❑ Black numbers on white.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 6.5 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ51A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 694**

NATO Code :
6145 14 361 1530

CONSTRUCTION

- ① 3 PAIRS
19x0.16 mm tinned copper
Section 0,38 mm² / AWG 22
FEP Insulation Ø = 1.45 mm
2 twisted cores
- ② 3 PVC FILLERS
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
- ⑤ Black polyurethane jacket
Ø = 8.4 mm ± 0,3

Applications

- ❑ In accordance with the SEFT027 / KQ51A norm (FCQ 236).

Characteristics

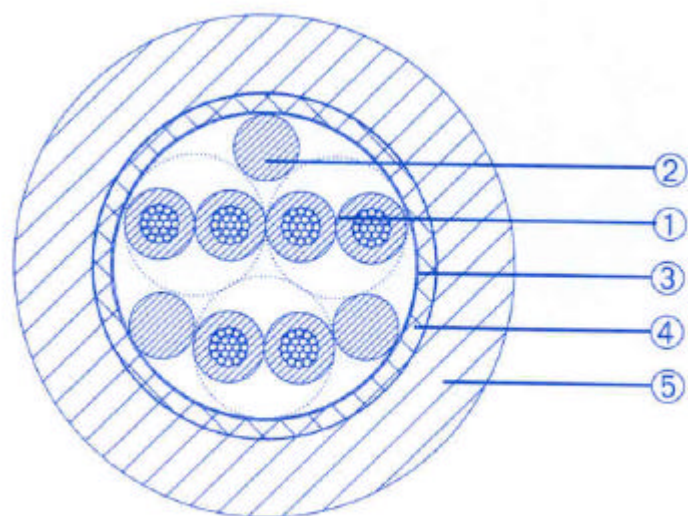
- ❑ Screened cable made of 3 pairs, under a polyurethane outer jacket,
- ❑ Cable weight : 200 kg/km.

Color code

- ❑ Pair 1 : White / blue,
- ❑ Pair 2 : White / red,
- ❑ Pair 3 : White / yellow.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 55 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ52A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 54 699**

NATO Code :
6145 14 361 1531

CONSTRUCTION

- ① 11 PAIRS
19x0.13 mm tinned copper
Section 0,21 mm² / AWG 24
FEP Insulation Ø = 1.10 mm
2 twisted Cores
- ② PVC Filler
- ③ Polyester separator tape
- ④ Tinned copper Braid K=85%
Polyester separator tape
- ⑤ Black polyurethane jacket
Ø = 10.5 mm ± 0,5

Applications

- ❑ In accordance with the SEFT027 / KQ52A norm (FCQ 224).

Characteristics

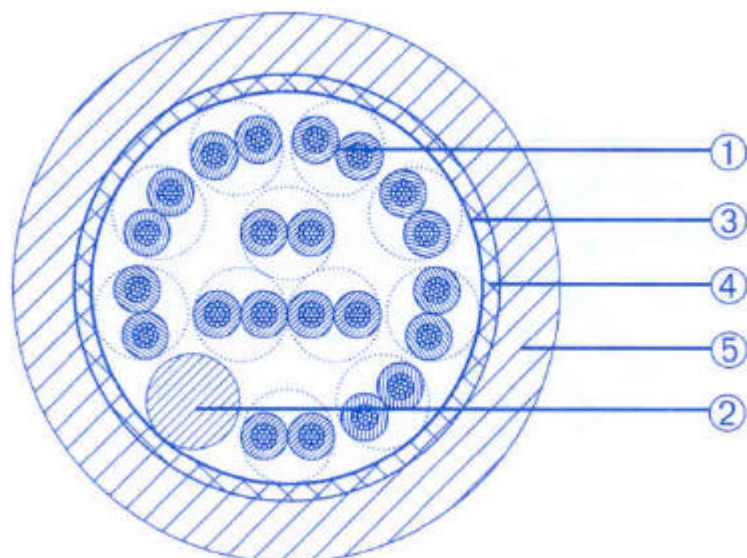
- ❑ Screened cable made of 11 pairs, under a polyurethane outer jacket,
- ❑ Cable weight : 185 kg/km.

Color code

- ❑ Pairs : White / blue, white/green, white/brown, blue/red, white/red, white/black, white/orange, blue/yellow, white/yellow, white/grey, white/violet.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 105 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ53A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 54 703**

NATO Code :
6145 14 361 1532

CONSTRUCTION

- ① 27 PAIRES
19x0.13 mm tinned copper
Section 0,21 mm² / AWG 24
FEP Insulation Ø = 1.10 mm
2 twisted Cores
- ② 1 SINGLE CORE
19x0.13 mm tinned copper
Section 0.21 mm² / AWG 24
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
Polyester separator tape
- ⑤ Black polyurethane jacket
Ø = 16.2 mm ± 0,8

Applications

- ❑ In accordance with the SEFT027 / KQ53A norm (FCQ 225).

Characteristics

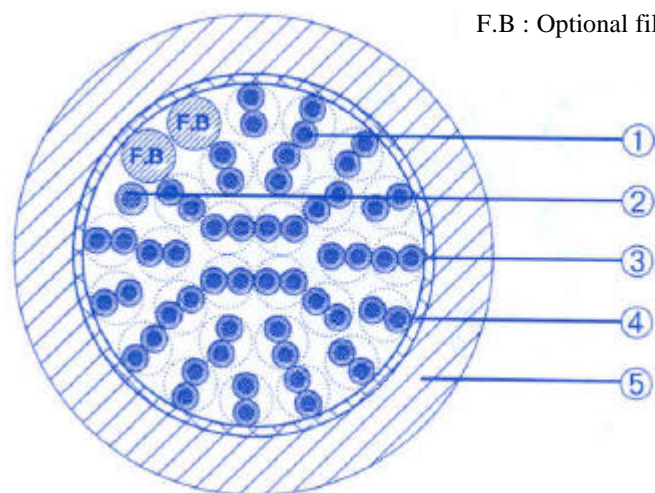
- ❑ Screened cable made of 27 pairs and 1 single core, under a polyurethane outer jacket,
- ❑ Cable weight : 440 kg/km.

Color code

- ❑ Pairs : White / blue, white/red, white/yellow, white/green, white/black, white/grey, white/brown, white/orange, white/violet, blue/red, blue/yellow, blue/green, blue/black, blue/grey, blue/brown, blue/orange, blue/violet, red/yellow, red/green, red/black, red/grey, red/brown, red/orange, red/violet, yellow/green, yellow/black, yellow/grey,
- ❑ Single Core : White

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 105 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex[®]

Screened cable, For military applications, KQ55A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 54 866**

NATO Code :
6145 14 361 3460

CONSTRUCTION

- ① 3 CORES
19x0.20 mm tinned copper
Section 0.6 mm² / AWG 20
FEP Insulation Ø = 1.55 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=85%
- ④ Black polyurethane jacket
Ø = 5.70 mm ± 0.20

Applications

- ❑ In accordance with the SEFT027 / KQ55A norm (FCQ 227).

Characteristics

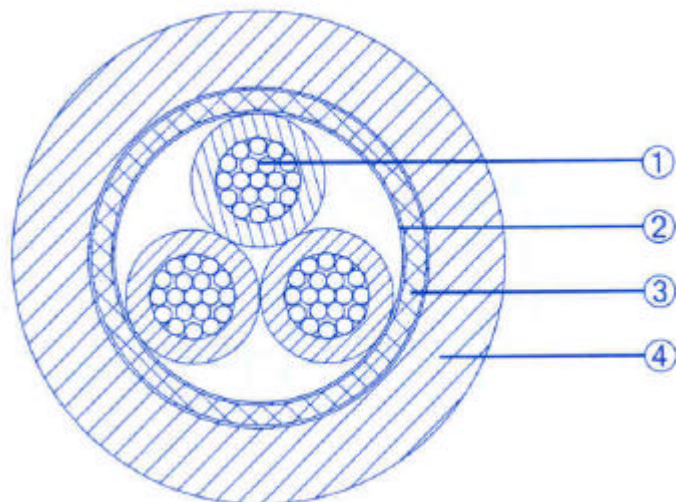
- ❑ Screened cable made of 3 conductors, under polyurethane jacket,
- ❑ Cable weight : 65 kg/km.

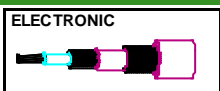
Color code

- ❑ Cores : Black, blue, yellow with green stripes.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance : ≤ 35 Ω / km,
- ❑ Capacity between 2 Cores : 95 pF/m,
- ❑ Induction : 0.25 μH/m,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ60A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 58 183**

NATO Code :
6145 14 362 3465

CONSTRUCTION

- ① 5 CORES AWG 12
91x0.20 mm tinned copper
Section 3.18 mm² / AWG 12
FEP Insulation Ø = 3.00 mm
- ② 1 CORE AWG 20
19x0.20 mm tinned copper
Section 0.60 mm² / AWG 20
FEP Insulation Ø = 1.55 mm
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
- ⑤ Polyurethane jacket
Ø = 13.3 mm ± 0,7

Applications

- ❑ In accordance with the SEFT027 / KQ60A norm (FCQ 229).

Characteristics

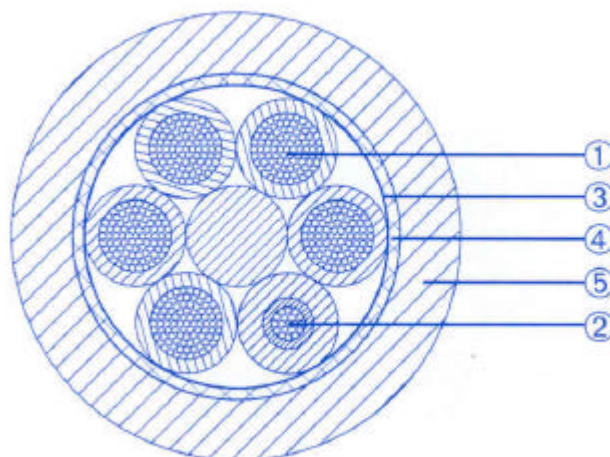
- ❑ Screened cable made of 5 conductors AWG 12 and 1 conductor AWG 20, under a polyurethane outer jacket,
- ❑ Cable weight : 138 kg/km.

Color code

- ❑ 5 Cores AWG 12 : Blue, black, white, red, yellow with green stripes,
- ❑ 1 Core AWG 20 : Orange.

Electrical values

- ❑ Operating voltage : 850 V,
- ❑ Linear resistance :
 - AWG 12 ≤ 6.7 Ω / km,
 - AWG 20 ≤ 34 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ61A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 58 184**

NATO Code :
6145 14 362 3466

CONSTRUCTION

- ① 5 CORES AWG 10
161x0.20 mm tinned copper
Section 5.15 mm² / AWG 10
FEP Insulation Ø = 4.00 mm
- ② 1 CORE AWG 20
19x0.20 mm tinned copper
Section 0.60 mm² / AWG 20
FEP Insulation Ø = 1.55 mm
- ③ Polyester separator tape
- ④ Tinned copper braid K=85%
Polyester separator tape
- ⑤ Polyurethane jacket
Ø = 15.5 mm ± 1.00

Applications

- ❑ In accordance with the SEFT027 / KQ61A norm (FCQ 230).

Characteristics

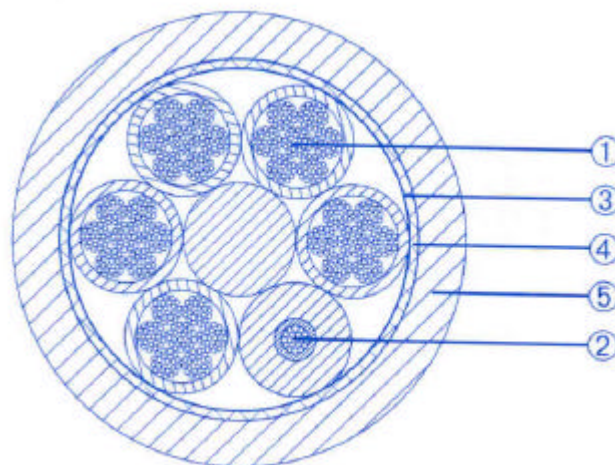
- ❑ Screened cable made of 5 conductors AWG 10 and 1 conductor AWG 20, under a polyurethane outer jacket,
- ❑ Cable weight : 523 kg/km.

Color code

- ❑ 5 Cores AWG 10 : Blue, black, white, red, yellow filet green,
- ❑ 1 Core AWG 20 : Orange.

Electrical values

- ❑ Operating voltage : 350 V,
- ❑ Linear resistance :
 - AWG 10 ≤ 4 Ω / km,
 - AWG 20 ≤ 34 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ62A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 703**

NATO Code :
6145 14 362 3467

CONSTRUCTION

- ① 2 CORES (A) :
14 x 0,10 mm red copper
Section 0,10 mm² / AWG 27
ETFE Insulation Ø = 0,80 mm
- ② 4 PAIRS (C)
2 twisted Cores (B)
14 x 0,10 mm red copper
Section 0,10 mm² / AWG 27
ETFE Insulation Ø = 0,80mm
Braid : Tinned copper K=85%
Polyester separator tape
- ③ Polyester separator tape
- ④ BRAID : Tinned copper
K=85%
- ⑤ GAINÉ : Black Polyurethane
Ø = 7,15 mm ± 0,15

Applications

- ❑ Data transmission for low frequency application (e. g. earth – earth or earth / sea phone communication network),
- ❑ In accordance with the SEFT027 / KQ62A norm (FCQ 258)

Characteristics

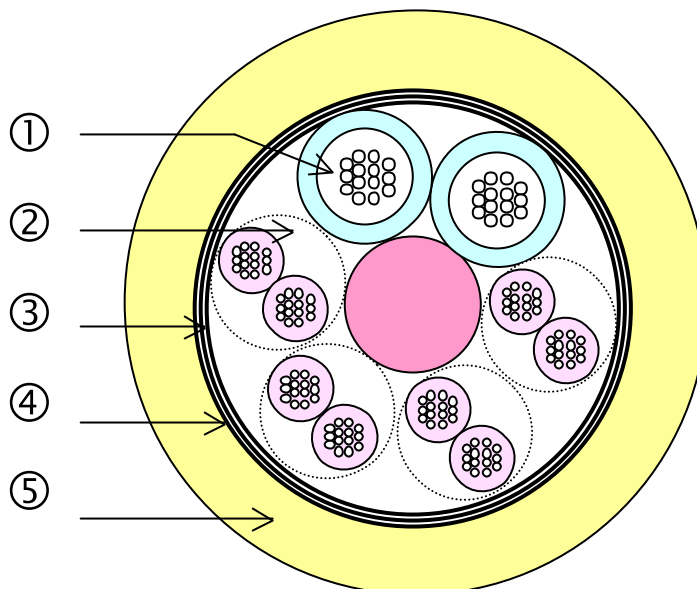
- ❑ Screened cable of 4 pairs (AWG 27) + 2 screened single cores (AWG 27), under a polyurethane outer jacket,
- ❑ Operating temperature : +80°C (max.),
- ❑ Cable weight : 80 kg / km.

Color code

- ❑ 2 screened Cores (A) : blue and violet
- ❑ 4 pairs (C) : White/black, red/green, yellow/brown, grey/orange,
- ❑ Jacket : black

Electrical values

- ❑ Operating voltage : 200 V,
- ❑ Linear resistance : ≤ 210 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ63A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 701**

NATO Code :
6145 14 362 3468

CONSTRUCTION

- ① 4 CORES
61x0.10 mm tinned copper
Section 0,50 mm² / AWG 20
ETFE Insulation Ø = 1.40 mm
- ② HIGH STRENGTH FILLER
Polyester
- ③ Black Polyurethane jacket
Ø = 7.15 mm ± 0,15

Applications

- ❑ In accordance with the SEFT027 / KQ63A norm (FCQ 260).

Characteristics

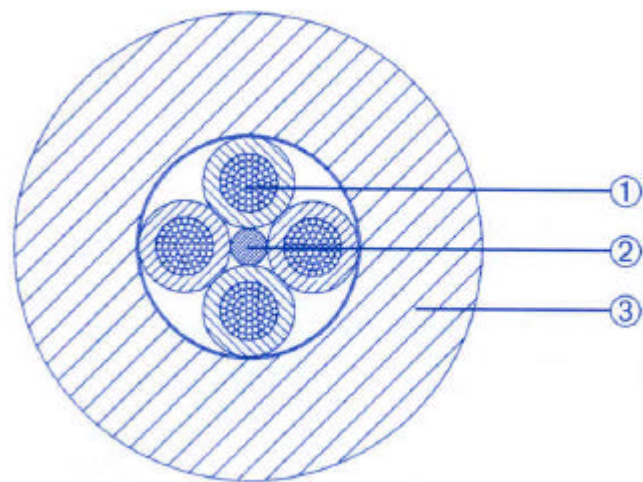
- ❑ Cable made of 4 Cores, under a polyurethane outer jacket,
- ❑ Cable weight : 70 kg/km.

Color code

- ❑ 2 black cores,
- ❑ 2 black cores 3 spiralled thread.

Electrical values

- ❑ Operating voltage : 200 V,
- ❑ Linear resistance : ≤ 50 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex[®]

Screened cable, For military applications, KQ65A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 68 227**

NATO Code :
6145 14 362 3470

CONSTRUCTION

- ① 16 CORES
19x0.30 mm tinned copper
Section 1.34 mm² / AWG 16
ETFE Insulation Ø = 2.00 mm
- ② Polyester separator tape
- ③ Tinned copper braid K=65%
Polyester separator tape
- ④ Black polyurethane jacket
Ø = 12.6 mm ± 0.3

Applications

- ❑ In accordance with the SEFT027 / KQ65A norm (FCQ 228).

Characteristics

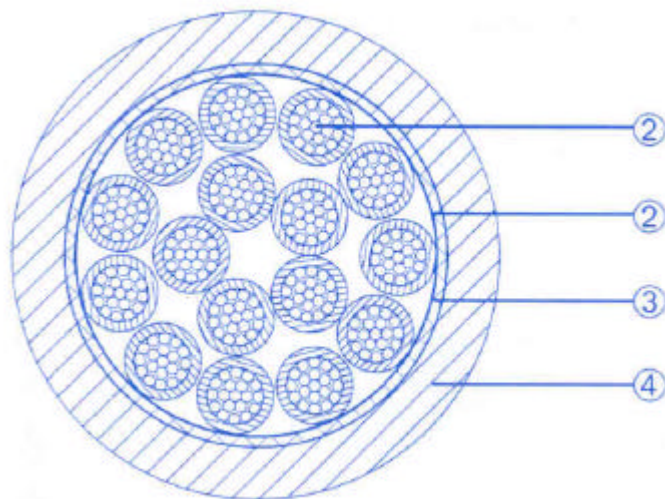
- ❑ Screened cable made of 16 conductors, under a polyurethane outer jacket,
- ❑ Cable weight : 378 kg/km.

Color code

- ❑ Black numbers on white.

Electrical values

- ❑ Operating voltage : 850 V,
- ❑ Linear resistance : ≤ 15 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.





Filotex®

Screened cable, For military applications, KQ66A

PRODUCT REFERENCE

FILOTEX Ref. : **ET 97 704**

NATO Code :
6145 14 031 0286

CONSTRUCTION

- ① 6 CORES
27x0.10 mm tinned copper
Section 0.21 mm² / AWG 24
Polyamide Insulation
Ø = 0.85 mm
- ② 2 SCREENED AND JACKETED
CORES
27x0.10 mm tinned copper
Section 0.21 mm² / AWG 24
Polyamide Insulation
Ø = 0.85 mm
Tinned copper braid K=85%
Polyamide jacket
- ③ 1 STRENGTH FILLER
- ④ Polyester separator tape
- ⑤ TPE jacket
- ⑥ Black polyurethane jacket
Ø = 7.15 mm ± 0.15

Applications

- ❑ In accordance with the SEFT027 / KQ66A norm (FCQ 211 B).

Characteristics

- ❑ Cable made of 8 conductors including 2 isolated screened cores, under a polyurethane outer jacket,
- ❑ Cable weight : 70 kg/km.

Color code

- ❑ 6 Cores : Black, blue, green, brown, yellow, orange,
- ❑ 2 screened and jacketed cores : Red with white jacket, white with white jacket.

Electrical values

- ❑ Operating voltage : 200 V,
- ❑ Linear resistance : ≤ 92 Ω / km,
- ❑ Insulation resistance : ≥ 10³ MΩ / km.

