LV Power cable

Armored Flame Retardant, Halogen free Cables (0.6/1kV RFOU)
Armored Flame & Fire Resistant, Halogen free Cables (0.6/1kV SFOU)

Application

- Power circuit below 1kV, Lighting circuits, Trace heating circuits.
- Fixed installation power, control & lighting in both explosion risk and safe areas, general purposes.
- Maximum operating conductor temperature 90℃

Construction Details

1. **Conductor** : Circular tinned stranded copper as per IEC 60228 Class 2 or Class 5
2. **Insulation** : Halogen-free Ethylene propylene rubber (EPR-RFOU) or Sillicone rubber(S95-SFOU) as per IEC 60092-360
3. **Core assembly** : Cabled with non-hygroscopic fillers and the binder tape may be applicable
4. **Bedding** : Halogen-free compound(Inner covering)
5. **Armor** : Copper wires braid(screen)[1] as per IEC 60092-353
   – RFCU(option) : Galvanized steel wire braid as per IEC 60092-353
6. **Outer Sheath** : Halogen-free thermosetting compound as per IEC 60092-360, SHF2 or SHF2 Oil & Mud

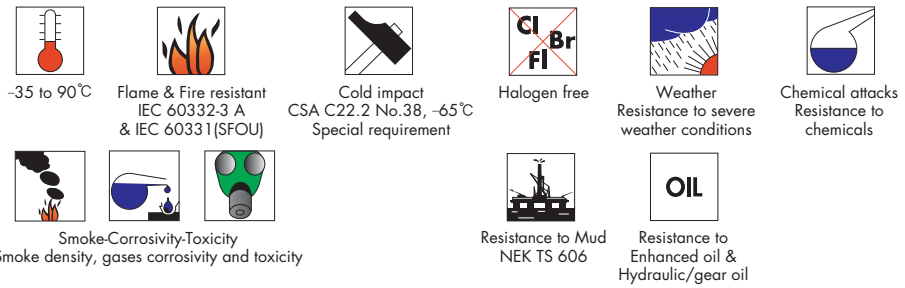
Standards Applied

- **Design guideline** : IEC 60092-353, NEK606
- **Material properties** : IEC 60092-360, Insulation (EPR, S95)
  IEC 60092-360, Sheath (SHF2)
- **Flame retardant** : IEC 60332-3, Cat. 'A'
- **Fire resistant(SFOU)**: IEC 60331-1/2 at 830℃ for 120 min.
  (option) waterspray for 15min
- **Assessment of halogen** : IEC 60754-1/2 & 60684-2
- **Low smoke properties** : IEC 61034-1/2
- **Sunlight resistance** : UL 1581
- **Cold properties(option)** : CSA C22.2 No. 03. Cold bending(-50℃), Cold impact(-50℃)
- **Oil/Mud resistance(option)** : NEK TS 606 5th ed (Category a, b, c, d)

Identification of color

- **Insulation** : -1C : Grey (off-white)
  -2C : Grey, Black
  -3C : Grey, Black, Red
  -4C : Grey, Black, Red, Blue
  -5Core and above : By numbering on White colored insulation
  -Earth core : Green/Yellow stripe
- **Outer sheath** : Black

Note) The any other identification of color may be applicable when purchaser required



Note1)
Cross section of Armor (for 2, 3, 4 core cable)

Cross section Q of associated current carrying conductor	Min. cross section of braiding wire
Q≤16mm²	Q
Q>16mm²	1/2 of the current-carrying conductor, but not less than16mm²

Approvals

ABS, Lloyd's Register, DNV·GL, Bureau Veritas

0.6/1kV Armored Flame retardant, Halogen free Cable (Code 0.6/1kV RFOU [P101])
0.6/1kV Armored Flame & Fire resistant, Halogen free Cable (Code 0.6/1kV SFOU [P125])

No. of core	Part no.	Conductor		Thickness of insulation	Thickness of inner covering	Nominal dia. over inner covering	Dia. of metal wire for braid	Thickness of outer sheath	Nominal overall dia.	Cable weight approx	Conductor resistance (20℃)	Current rating at 45℃
		Nominal sectional area	Max. overall dia.									
EA	QETD/QESD	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω /km	Amp.
1	01C001	1.0/3	1.4	1.0	1.0	4.9	0.2	1.0	7.8±0.6	100	18.2	18
	01C015	1.5/3	1.7	1.0	1.0	5.2	0.2	1.0	8.1±0.6	110	12.2	23
	01C025	2.5/3	2.2	1.0	1.0	5.6	0.2	1.1	8.7±0.6	130	7.56	30
	01C004	4/3	2.7	1.0	1.0	6.1	0.2	1.1	9.2±0.6	150	4.70	40
	01C006	6/3	3.3	1.0	1.0	6.7	0.2	1.1	9.8±0.6	180	3.11	52
	01C010	10/3	4.2	1.0	1.0	7.6	0.2	1.1	10.7±0.6	235	1.84	72
	01C016	16/4	5.3	1.0	1.0	8.6	0.2	1.2	11.9±0.6	315	1.16	96
	01C025	25/9	6.6	1.2	1.0	10.3	0.3	1.3	14.3±0.6	480	0.734	127
	01C035	35/9	7.9	1.2	1.0	11.4	0.3	1.3	15.4±0.6	590	0.529	157
	01C050	50/10	9.1	1.4	1.0	13.3	0.3	1.4	17.5±0.7	765	0.391	196
	01C070	70/10	11.0	1.4	1.0	15.0	0.3	1.5	19.4±0.8	1010	0.270	242
	01C095	95/12	12.9	1.6	1.0	17.2	0.3	1.5	21.6±0.9	1295	0.195	293
	01C120	120/13	14.5	1.6	1.0	18.9	0.3	1.6	23.5±0.9	1590	0.154	339
	01C150	150/16	16.2	1.8	1.0	20.9	0.3	1.7	25.7±1.0	1925	0.126	389
	01C185	185/16	18.0	2.0	1.0	22.9	0.3	1.8	27.9±1.1	2300	0.1000	444
	01C240	240/18	20.6	2.2	1.2	26.2	0.3	1.9	31.4±1.3	2995	0.0762	522
	01C300	300/26	23.1	2.4	1.2	29.0	0.3	2.0	34.4±1.4	3615	0.0607	601
2	02C001	1.0/3	1.4	1.0	1.0	8.4	0.2	1.2	11.7±0.6	190	18.2	15
	02C015	1.5/4	1.7	1.0	1.0	9.0	0.2	1.2	12.3±0.6	215	12.2	20
	02C025	2.5/6	2.2	1.0	1.0	9.8	0.2	1.2	13.1±0.6	250	7.56	26
	02C004	4/6	2.7	1.0	1.0	10.8	0.3	1.3	14.8±0.6	350	4.70	34
	02C006	6/6	3.3	1.0	1.0	12.0	0.3	1.3	16.0±0.6	420	3.11	44
	02C010	10/10	4.2	1.0	1.0	13.8	0.3	1.4	18.0±1.4	550	1.84	61
	02C016	16/16	5.3	1.0	1.0	15.8	0.3	1.5	20.2±1.6	725	1.16	82
	02C025	25/16	6.6	1.2	1.0	19.2	0.3	1.6	23.8±1.7	1035	0.734	108
	02C035	35/16	7.9	1.2	1.0	21.4	0.3	1.7	26.2±1.9	1290	0.529	133
	02C050	50/25	9.1	1.4	1.0	25.2	0.3	1.9	30.4±2.1	1715	0.391	167
	02C070	70/35	11.0	1.4	1.2	28.9	0.3	2.0	34.3±2.4	2275	0.270	206
	02C095	95/50	12.9	1.6	1.2	33.3	0.4	2.2	39.5±2.6	3055	0.195	249
	02C120	120	14.5	1.6	1.2	36.7	0.4	2.3	43.1±1.6	3730	0.154	288
	02C150	150	16.2	1.8	1.4	41.0	0.4	2.5	47.8±1.7	4570	0.126	331
	02C185	185	18.0	2.0	1.4	45.0	0.4	2.7	52.2±1.9	5470	0.1000	377
	02C240	240	20.6	2.2	1.6	52.0	0.4	3.0	59.8±2.1	7205	0.0762	444
	02C300	300	23.1	2.4	1.6	57.0	0.4	3.2	65.2±2.4	8625	0.0607	511
	02C120*	120/60*	14.5	1.6	1.2	36.7	*0.4$^{1/2}$	2.4	45.1±2.6	4190	0.154	288
	02C150*	150/75*	16.2	1.8	1.4	41.0	*0.4$^{1/2}$	2.6	49.8±2.0	5080	0.126	331
	02C185*	185/95*	18.0	2.0	1.4	45.0	*0.45$^{1/2}$	2.8	54.7±2.2	6170	0.1000	377
	02C240*	240/120*	20.6	2.2	1.6	52.0	*0.5$^{1/2}$	3.1	62.7±2.5	8140	0.0762	444

Example) **0.6/1kV RFOU 2C x2.5**mm² Part No.**QETD02C025**

Q	E	T	D	02C	025
NEK606	RFOU	Flame retardant	0.6/1kV	No. of cores	Size (mm²)

Note) "*"double braided : (option)

Nexans Kukdong

0.6/1kV Armored Flame retardant, Halogen free Cable (Code 0.6/1kV RFOU [P101])
0.6/1kV Armored Flame & Fire Resistant, Halogen free Cable (Code 0.6/1kV SFOU [P125])

No. of core	Part no.	Conductor		Thickness of insulation	Thickness of inner covering	Nominal dia. over inner covering	Dia. of metal wire for braid	Thickness of outer sheath	Nominal overall dia.	Cable weight approx	Conductor resistance (20℃)	Current rating at 45℃
		Nominal sectional area	Max. overall dia.									
EA	QETD/QESD	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω /km	Amp.
2+E	03E025	25 16E	6.6 5.3	1.2 1.0	1.0	20.2	0.3	1.7	25.0±1.0	1245	0.734 1.16	108
	03E035	35 25E	7.9 6.6	1.2 1.2	1.0	22.7	0.3	1.8	27.7±1.1	1610	0.529 0.734	133
	03E050	50 25E	9.1 6.6	1.4 1.2	1.0	26.4	0.3	1.9	31.6±1.3	2020	0.391 0.734	167
	03E070	70 35E	11.0 7.9	1.4 1.2	1.2	30.3	0.4	2.1	36.3±1.5	2770	0.270 0.529	206
	03E095	95 50E	12.9 9.1	1.6 1.4	1.2	35.0	0.4	2.3	41.4±1.7	3630	0.195 0.391	249
	03E120	120 70E	14.5 11.0	1.6 1.4	1.4	38.9	0.4	2.4	45.5±1.8	4550	0.154 0.270	288
	03E150	150 95E	16.2 12.9	1.8 1.6	1.4	43.3	0.4	2.6	50.3±2.0	5625	0.126 0.195	331
	03E185	185 95E	18.0 12.9	2.0 1.6	1.4	47.2	0.4	2.8	54.6±2.2	6530	0.100 0.195	377
3	03C001	1.0/3	1.4	1.0	1.0	8.9	0.2	1.2	12.2±0.6	215	18.2	12
	03C015	1.5/4	1.7	1.0	1.0	9.6	0.2	1.2	12.9±0.6	245	12.2	16
	03C025	2.5/6	2.2	1.0	1.0	10.4	0.3	1.3	14.4±0.6	335	7.56	21
	03C004	4/6	2.7	1.0	1.0	11.5	0.3	1.3	15.5±0.6	410	4.70	28
	03C006	6/6	3.3	1.0	1.0	12.8	0.3	1.4	17.0±0.7	510	3.11	36
	03C010	10/10	4.2	1.0	1.0	14.7	0.3	1.4	18.9±0.8	670	1.84	50
	03C016	16/16	5.3	1.0	1.0	16.9	0.3	1.5	21.3±0.9	910	1.16	67
	03C025	25/16	6.6	1.2	1.0	20.5	0.3	1.7	25.3±1.0	1330	0.734	89
	03C035	35/16	7.9	1.2	1.0	22.9	0.3	1.8	27.9±1.1	1680	0.529	110
	03C050	50/25	9.1	1.4	1.2	27.3	0.3	1.9	32.5±1.3	2250	0.391	137
	03C070	70/35	11.0	1.4	1.2	31.0	0.4	2.1	37.0±1.5	3085	0.270	169
	03C095	95/50	12.9	1.6	1.2	35.7	0.4	2.3	42.1±1.7	4045	0.195	205
	03C120	120	14.5	1.6	1.4	39.7	0.4	2.5	46.5±1.9	5035	0.154	237
	03C150	150	16.2	1.8	1.4	44.0	0.4	2.6	51.0±2.0	6110	0.126	272
	03C185	185	18.0	2.0	1.6	48.7	0.4	2.8	56.1±2.2	7395	0.1000	311
	03C240	240	20.6	2.2	1.6	55.8	0.4	3.1	63.8±2.6	9695	0.076	365
	03C300	300	23.1	2.4	1.6	61.2	0.4	3.3	69.6±2.8	11650	0.0607	421
	03C120*	120/60*	14.5	1.6	1.4	39.7	*$0.4^{1/2}$	2.5	48.3±1.9	5510	0.154	237
	03C150*	150/70*	16.2	1.8	1.4	44.0	*$0.4^{1/2}$	2.7	53.0±2.1	6660	0.126	272
	03C185*	185/95*	18.0	2.0	1.6	48.7	*$0.45^{1/2}$	2.9	58.6±2.3	8155	0.1000	311
	03C240*	240/120*	20.6	2.2	1.6	55.8	*$0.5^{1/2}$	3.2	66.7±2.7	10705	0.076	365
3+E	04E025	25 16E	6.6 5.3	1.2 1.0	1.0	21.9	0.3	1.7	26.7±1.1	1530	0.734 1.16	89
	04E035	35 25E	7.9 6.6	1.2 1.2	1.0	24.9	0.3	1.9	30.1±1.2	2005	0.529 0.734	110
	04E050	50 25E	9.1 6.6	1.4 1.2	1.2	28.8	0.3	2.0	34.2±1.4	2565	0.391 0.734	137
	04E070	70 35E	11.0 7.9	1.4 1.2	1.2	32.6	0.4	2.2	38.8±1.6	3500	0.270 0.529	169
	04E095	95 50E	12.9 9.1	1.6 1.4	1.4	38.1	0.4	2.4	44.7±1.8	4645	0.195 0.391	205
	04E120	120 70E	14.5 11.0	1.6 1.4	1.4	42.2	0.4	2.6	49.2±2.0	5815	0.154 0.270	237
	04E150	150 95E	16.2 12.9	1.8 1.6	1.4	46.0	0.4	2.7	53.2±2.1	6880	0.126 0.195	272
	04E185	185 95E	18.0 12.9	2.0 1.6	1.6	51.4	0.4	2.9	59.0±2.4	8435	0.100 0.195	311

Note) "*"double braided : (option)

Example) **0.6/1kV SFOU 3C x1.5**mm² Part No.**QESD03C015**

Q	E	S	D	03C	015
NEK606	SFOU	Fire resistant (SR)	0.6/1kV	No. of cores	Size (mm²)

0.6/1kV Armored Flame retardant, Halogen free Cable (Code 0.6/1kV RFOU [P101])
0.6/1kV Armored Flame & Fire resistant, Halogen free Cable (Code 0.6/1kV RFOU [P125])

No. of core	Part no.	Conductor		Thickness of insulation	Thickness of inner covering	Nominal dia. over inner covering	Dia. of metal wire for braid	Thickness of outer sheath	Nominal overall dia.	Cable weight approx	Conductor resistance (20℃)	Current rating at 45℃
		Nominal sectional area	Max. overall dia.									
EA	QETD/QESD	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω /km	Amp.
4	04C001	1.0/3	1.4	1.0	1.0	9.8	0.2	1.2	13.1±0.6	250	18.2	12
	04C015	1.5/4	1.7	1.0	1.0	10.5	0.3	1.3	14.5±0.6	330	12.2	16
	04C025	2.5/6	2.2	1.0	1.0	11.5	0.3	1.3	15.5±0.6	395	7.56	21
	04C004	4/6	2.7	1.0	1.0	12.7	0.3	1.4	16.9±0.7	490	4.70	28
	04C006	6/6	3.3	1.0	1.0	14.1	0.3	1.4	18.3±0.7	605	3.11	36
	04C010	10/10	4.2	1.0	1.0	16.3	0.3	1.5	20.7±0.8	825	1.84	50
	04C016	16/16	5.3	1.0	1.0	18.7	0.3	1.6	23.3±0.9	1140	1.16	67
	04C025	25/16	6.6	1.2	1.0	22.8	0.3	1.8	27.8±1.1	1670	0.734	89
	04C035	35/16	7.9	1.2	1.0	25.5	0.3	1.9	30.7±1.2	2120	0.529	110
	04C050	50/25	9.1	1.4	1.2	30.3	0.4	2.1	36.3±1.5	2940	0.391	137
	04C070	70/35	11.0	1.4	1.2	34.4	0.4	2.3	40.6±1.6	3905	0.270	169
	04C095	95/50	12.9	1.6	1.4	40.1	0.4	2.5	46.9±1.9	5205	0.195	205
	04C120	120	14.5	1.6	1.4	44.2	0.4	2.6	51.2±2.0	6420	0.154	237
	04C150	150	16.2	1.8	1.6	49.4	0.4	2.8	56.8±2.3	7890	0.126	272
	04C185	185	18.0	2.0	1.6	54.2	0.4	3.0	62.0±2.5	9490	0.100	311
	04C240	240	20.6	2.2	1.6	62.2	0.4	3.4	70.8±2.8	12505	0.0762	365
	04C300	300	23.1	2.4	1.8	68.5	0.4	3.6	77.5±3.1	15100	0.0607	421
	04C120*	120/60*	14.5	1.6	1.4	44.2	*0.4$^{1/2}$	2.7	53.2±2.1	6940	0.154	237
	04C150*	150/70*	16.2	1.8	1.6	49.4	*0.4$^{1/2}$	2.9	58.8±2.4	8465	0.126	272
	04C185*	185/95*	18.0	2.0	1.6	54.2	*0.4$^{1/2}$	3.1	64.5±2.6	10285	0.1000	311
	04C240*	240/120*	20.6	2.2	1.6	62.2	*0.4$^{1/2}$	3.4	73.7±2.9	13570	0.076	365
4+E	05E025	25	6.6	1.2	1.0	25.0	0.3	1.9	30.2±1.2	1900	0.734	89
		16E	5.3	1.0							1.16	
	05E035	35	7.9	1.2	1.2	28.4	0.3	2.0	33.8±1.4	2480	0.529	110
		25E	6.6	1.2							0.734	
	05E050	50	9.1	1.4	1.2	33.0	0.4	2.2	39.2±1.6	3290	0.391	137
		25E	6.6	1.2							0.734	
	05E070	70	11.0	1.6	1.4	37.8	0.4	2.4	44.4±1.8	4415	0.270	169
		35E	7.9	1.4							0.529	
	05E095	95	12.9	1.6	1.4	43.7	0.4	2.6	50.7±2.0	5820	0.195	205
		50E	9.1	1.4							0.391	
	05E120	120	14.5	1.8	1.6	48.7	0.4	2.8	56.1±2.2	7330	0.154	237
		70E	11.0	1.6							0.270	
	05E150	150	16.2	2.0	1.6	54.2	0.4	3.0	62.0±2.5	9030	0.126	272
		95E	12.9	1.6							0.195	
	05E185	185	18.0	2.0	1.6	59.1	0.4	3.2	67.3±2.7	10640	0.100	311
		95E	12.9	1.6							0.195	

Example) **0.6/1kV RFOU 4C x16**mm² Part No.**QETD04C016**

Q	E	T	D	04C	016
NEK606	RFOU	Flame retardant	0.6/1kV	No. of cores	Size (mm²)

Note) "*"double braided : (option)

Nexans Kukdong

0.6/1kV Armored Flame retardant, Halogen free Cable (Code 0.6/1kV RFOU [P101])
0.6/1kV Armored Flame & Fire Resistant, Halogen free Cable (Code 0.6/1kV SFOU [P125])

No. of core	Part no.	Conductor		Thickness of insulation	Thickness of inner covering	Nominal dia. over inner covering	Dia. of metal wire for braid	Thickness of outer sheath	Nominal overall dia.	Cable weight approx	Conductor resistance (20℃)	Current rating at 45℃
		Nominal sectional area	Max. overall dia.									
EA	QETD/QESD	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω /km	Amp.
5	05C001	1.0	1.4	1.0	1.0	10.7	0.3	1.3	14.7±0.6	330	18.2	10
6	06C001	1.0	1.4	1.0	1.0	11.7	0.3	1.3	15.7±0.6	370	18.2	9
7	07C001	1.0	1.4	1.0	1.0	11.7	0.3	1.3	15.7±0.6	385	18.2	9
8	08C001	1.0	1.4	1.0	1.0	12.7	0.3	1.4	16.9±0.6	435	18.2	9
9	09C001	1.0	1.4	1.0	1.0	13.7	0.3	1.4	17.9±0.6	475	18.2	8
10	10C001	1.0	1.4	1.0	1.0	15.0	0.3	1.5	19.4±0.6	520	18.2	8
12	12C001	1.0	1.4	1.0	1.0	15.5	0.3	1.5	19.9±0.6	565	18.2	7
14	14C001	1.0	1.4	1.0	1.0	16.4	0.3	1.5	20.8±0.6	620	18.2	7
16	16C001	1.0	1.4	1.0	1.0	17.3	0.3	1.5	21.7±0.6	680	18.2	7
19	19C001	1.0	1.4	1.0	1.0	18.3	0.3	1.6	22.9±0.6	755	18.2	6
20	20C001	1.0	1.4	1.0	1.0	18.9	0.3	1.6	23.5±0.6	800	18.2	6
23	23C001	1.0	1.4	1.0	1.0	20.3	0.3	1.7	25.1±1.0	895	18.2	6
24	24C001	1.0	1.4	1.0	1.0	21.6	0.3	1.7	26.4±1.1	940	18.2	6
27	27C001	1.0	1.4	1.0	1.0	22.1	0.3	1.7	26.9±1.1	1005	18.2	6
30	30C001	1.0	1.4	1.0	1.0	23.0	0.3	1.8	28.0±1.1	1095	18.2	5
33	33C001	1.0	1.4	1.0	1.0	23.9	0.3	1.8	28.9±1.2	1170	18.2	5
37	37C001	1.0	1.4	1.0	1.0	24.9	0.3	1.9	30.1±1.2	1270	18.2	5
44	44C001	1.0	1.4	1.0	1.2	28.5	0.3	2.0	33.9±1.4	1525	18.2	5
5	05C015	1.5	1.7	1.0	1.0	11.5	0.3	1.3	15.5±0.6	380	12.2	13
6	06C015	1.5	1.7	1.0	1.0	12.6	0.3	1.4	16.8±0.6	435	12.2	12
7	07C015	1.5	1.7	1.0	1.0	12.6	0.3	1.4	16.8±0.6	450	12.2	12
8	08C015	1.5	1.7	1.0	1.0	13.7	0.3	1.4	17.9±0.6	505	12.2	11
9	09C015	1.5	1.7	1.0	1.0	14.8	0.3	1.4	19.0±0.6	555	12.2	11
10	10C015	1.5	1.7	1.0	1.0	16.2	0.3	1.5	20.6±0.6	605	12.2	10
12	12C015	1.5	1.7	1.0	1.0	16.8	0.3	1.5	21.2±0.6	665	12.2	10
14	14C015	1.5	1.7	1.0	1.0	17.7	0.3	1.6	22.3±0.6	745	12.2	9
16	16C015	1.5	1.7	1.0	1.0	18.7	0.3	1.6	23.3±0.6	820	12.2	9
19	19C015	1.5	1.7	1.0	1.0	19.8	0.3	1.6	24.4±0.6	900	12.2	8
20	20C015	1.5	1.7	1.0	1.0	20.4	0.3	1.7	25.2±1.0	975	12.2	8
23	23C015	1.5	1.7	1.0	1.0	22.0	0.3	1.7	26.8±1.1	1080	12.2	8
24	24C015	1.5	1.7	1.0	1.0	23.4	0.3	1.8	28.4±1.1	1140	12.2	7
27	27C015	1.5	1.7	1.0	1.0	24.0	0.3	1.8	29.0±1.2	1225	12.2	7
30	30C015	1.5	1.7	1.0	1.0	24.9	0.3	1.9	30.1±1.2	1335	12.2	7
33	33C015	1.5	1.7	1.0	1.0	25.9	0.3	1.9	31.1±1.2	1435	12.2	7
37	37C015	1.5	1.7	1.0	1.2	27.3	0.3	1.9	32.5±1.3	1565	12.2	6
44	44C015	1.5	1.7	1.0	1.2	30.9	0.4	2.1	36.9±1.5	1945	12.2	6

Example) **0.6/1kV SFOU 5C x1.5mm²** Part No.**QESD05C015**

Q	E	S	D	05C	015
NEK606	SFOU	Fire resistant (SR)	0.6/1kV	No. of cores	Size (mm²)

0.6/1kV Armored Flame retardant, Halogen free Cable (Code 0.6/1kV RFOU [P101])
0.6/1kV Armored Flame & Fire Resistant, Halogen free Cable (Code 0.6/1kV SFOU [P125])

No. of core	Part no.	Conductor		Thickness of insulation	Thickness of inner covering	Nominal dia. over inner covering	Dia. of metal wire for braid	Thickness of outer sheath	Nominal overall dia.	Cable weight approx	Conductor resistance (20℃)	Current rating at 45℃
		Nominal sectional area	Max. overall dia.									
EA	QETD/QESD	mm²	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω /km	Amp.
5	05C025	2.5	2.2	1.0	1.0	12.6	0.3	1.4	16.8±0.6	460	7.56	17
6	06C025	2.5	2.2	1.0	1.0	13.8	0.3	1.4	18.0±0.6	525	7.56	16
7	07C025	2.5	2.2	1.0	1.0	13.8	0.3	1.4	18.0±0.6	550	7.56	15
8	08C025	2.5	2.2	1.0	1.0	15.0	0.3	1.5	19.4±0.6	625	7.56	15
9	09C025	2.5	2.2	1.0	1.0	16.3	0.3	1.5	20.7±0.6	695	7.56	14
10	10C025	2.5	2.2	1.0	1.0	17.8	0.3	1.6	22.4±0.6	755	7.56	13
12	12C025	2.5	2.2	1.0	1.0	18.4	0.3	1.6	23.0±0.6	835	7.56	13
14	14C025	2.5	2.2	1.0	1.0	19.5	0.3	1.6	24.1±0.6	930	7.56	12
16	16C025	2.5	2.2	1.0	1.0	20.6	0.3	1.7	25.4±1.7	1040	7.56	11
19	19C025	2.5	2.2	1.0	1.0	21.8	0.3	1.7	26.6±1.1	1150	7.56	11
20	20C025	2.5	2.2	1.0	1.0	22.5	0.3	1.8	27.5±1.1	1240	7.56	11
23	23C025	2.5	2.2	1.0	1.0	24.3	0.3	1.8	29.3±1.2	1380	7.56	10
24	24C025	2.5	2.2	1.0	1.0	25.8	0.3	1.9	31.0±1.2	1455	7.56	10
27	27C025	2.5	2.2	1.0	1.0	26.4	0.3	1.9	31.6±1.3	1570	7.56	10
30	30C025	2.5	2.2	1.0	1.2	27.8	0.3	2.0	33.2±1.3	1740	7.56	9
33	33C025	2.5	2.2	1.0	1.2	28.9	0.3	2.0	34.3±1.4	1875	7.56	9
37	37C025	2.5	2.2	1.0	1.2	30.1	0.4	2.1	36.1±1.4	2115	7.56	9
44	44C025	2.5	2.2	1.0	1.2	24.1	0.4	2.1	40.3±1.6	2500	7.56	8

Example) **0.6/1kV RFOU 5C x2.5**mm² Part No.**QETD05C025**

Q	E	T	D	05C	025
NEK606	RFOU	Flame retardant	0.6/1kV	No. of cores	Size (mm²)

Nexans Kukdong