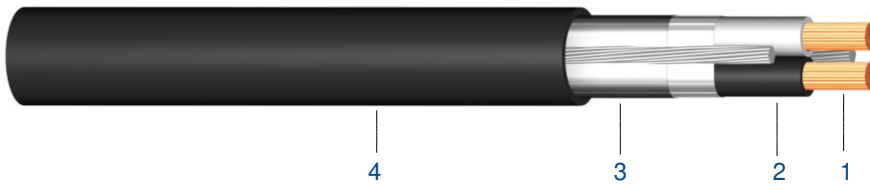


Power cable

Halogen-free, flame retardant



Construction:

- 1. Conductor: Stranded, annealed copper wires class 5 IEC 60228.
- 2. Insulation: Flame retardant polyolefin. Color identification.
- 3. Shield: AL/PET tape with tin-plated, annealed copper wires. Max resistance 4.95 Ω/km.
- 4. Sheath: Flame retardant, black polyolefin. Sunlight resistant. Example of marking: "NKT RQRQ 2x10 AWG (2x6 mm²) Max 600 V 90C DRY CT Use (UL) E194163 TCOPC Sun Res"

Application:

Halogen free, flame retardant and shielded cable for power supply to radio and other telecom equipment where copper shield is required. Sunlight resistant per UL 1581 sec 1200, not for direct burial. CPR and UL listed. Indoor and outdoor use.

Properties:

Rated voltage	Max 600 V	Fire classification	IEC 60332-3-24 (Cat C) UL 1685, Vertical Tray CPR Class D _{ca} CSA FT4
Minimum operating temperature	-20°C (-40°C when fixed)	Fulfils low voltage directive, CE	Yes
Maximum operating temperature	+90°C	Fulfils RoHS	Yes
Minimum bending radius	5 x Outer diameter	Fulfils REACH	Yes

Technical data:

No. of cores and cross-section mm ²	Nom. Outer diameter mm	Cable weight kg/km	Effective resistance of conductor Ω/km	Conductor colors	Part number
2 x 2.5 (2x14AWG)*	8 x 8	98	7.98	Black & Grey	RQRQ 2x2.5
2 x 2.5 (2x14AWG)*	8 x 8	98	7.98	Blue & Grey	RQRQ 2x2.5 BG
2 x 4 (2x12AWG)***	8 x 8	138	4.95	Black & Grey	RQRQ 2x4
2 x 4 (2x12AWG)***	8 x 8	138	4.95	Blue & Grey	RQRQ 2x4 BG
2 x 6 (2x10AWG)	9 x 10	177	3.30	Black & Grey	RQRQ 2x6
2 x 6 (2x10AWG)	9 x 10	177	3.30	Blue & Grey	RQRQ 2x6 BG
2 x 10 (2x8AWG)	10 x 13	275	1.91	Black & Grey	RQRQ 2x10
2 x 10 (2x8AWG)	10 x 13	275	1.91	Blue & Grey	RQRQ 2x10 BG
2 x 16 (2x6AWG)	13 x 16	417	1.21	Black & Grey	RQRQ 2x16
2 x 16 (2x6AWG)	13 x 16	417	1.21	Blue & Grey	RQRQ 2x16 BG
2 x 25 (2x4AWG)	17 x 19	612	0.78	Black & Grey	RQRQ 2x25
2 x 25 (2x4AWG)	17 x 19	612	0.78	Blue & Grey	RQRQ 2x25 BG
2 x 35 (2x2AWG)**	15 x 21	750	0.55	Black & Grey	RQRQ 2x35
2 x 35 (2x2AWG)**	15 x 21	750	0.55	Blue & Grey	RQRQ 2x35 BG

*Shield has max resistance 7.98 Ω/km. No FT4

**Not UL listed nor FT4

***No FT4

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Influence on the environment. The product does not have any negative influence on the environment.