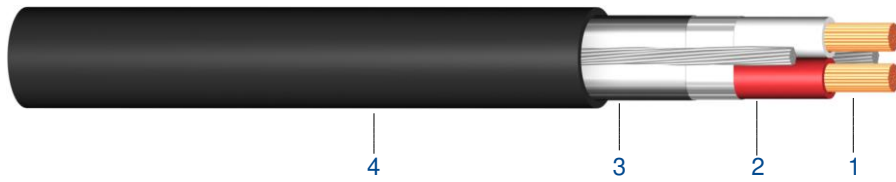


Power cable

Halogen-free, flame retardant



Construction:

- 1. Conductor: Stranded, annealed copper wires class 5 IEC 60228.
- 2. Insulation: Flame retardant polyolefin. Color identification: red and white.
- 3. Shield: AL/PET tape with annealed aluminum wires. Max resistance 5.09 Ω/km.
- 4. Sheath: Flame retardant, black polyolefin. Sunlight resistant. Example of marking: "NKT RQAQ 2x10 mm² Max 600 V 90C DRY Sun Res B2ca"

Application:

Halogen free, flame retardant and shielded cable for power supply to radio and other telecom equipment. Sunlight resistant per UL 1581 sec 1200, not for direct burial. CPR class B2ca. Indoor and outdoor use. Robust design with increased jacket.

Properties:

Rated voltage	Max 600 V	Fire classification	CPR Class B2 _{ca} s1, d2, a1
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 +/-10%	Cable weight kg/km	Effective resistance of conductor Ω/km	Conductor colors	Part number
RQAQ 2 x 6	9.8	170	3.30	Red & White	RQAQ 2x6
RQAQ 2 x 10	11.6	258	1.91	Red & White	RQAQ 2x10
RQAQ 2 x 16	13.8	385	1.21	Red & White	RQAQ 2x16
RQAQ 2 x 25	16.0	544	0.78	Red & White	RQAQ 2x25
RQAQ 2 x 35	20.1	832	0.55	Red & White	RQAQ 2x35

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