

Starkstromkabel / Power Cables

(N)2XCy FR

Starkstromkabel
High voltage cable



Verwendung:

Zur Verlegung in Innenräumen, im Freien, in Erde, im Wasser sowie in Beton.
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Aufbau:

- Blanke CU-Litze
- flammwidrig

Technische Daten:

Leiter Werkstoff	Kupfer, blank
Leiterklasse	annealed copper solid class 1(RE), circular or circular compacted stranded conductor cl. 2 (RM) or stranded sector-shaped conductor cl. 2 (SM) acc. to EN 60228
Aderisolationwerkstoff	VPE
Aderkennung	2 Adern: blau, braun 3- Adern: braun, schwarz, grau 4- Adern: blau, braun, schwarz, grau 5- Adern: blau, braun, schwarz, grau, schwarz 7 und mehr: schwarz, mit weißen Ziffern
Verseilung	
Außenmantelwerkstoff	PVC
Mantelfarbe	
Nennspannung [V]	600 / 1000
Prüfspannung [V]	4000
Leiterwiderstand	
Isolationswiderstand	
Strombelastbarkeit	
kleinster Biegeradius fest [xd]	12 x d
kleinster Biegeradius bewegt [xd]	
Betriebstemp. fest min/max [C]	-35°C bis +70
Betriebstemp. bew. min/mac [C]	-5°C bis +70
Temperatur am Leiter max.	+90°C
Brandverhalten	EN 60332-1-2
Normen	

Application:

For fixed installation in buildings, in free air, in ground and in water.
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Construction:

- bare copper wires
- flame-retardant

Technical Data:

Conductor Material	Copper, bare
Conductor class	annealed copper solid class 1(RE), circular or circular compacted stranded conductor cl. 2 (RM) or stranded sector-shaped conductor cl. 2 (SM) acc. to EN 60228
core insulation	VPE
core identification	2- core: blue, brown 3- core: brown, black, grey 4- core: blue, brown, black, grey 5- core: blue, brown, black, grey, black 7 and more: black, with white numbering
stranding	*
outer sheath	PVC
sheath colour	*
rated voltage [V]	600 / 1000
testing voltage [V]	4000
conductor resistance	*
insulation resistance	*
current carrying capacity	*
min. bending radius fixed [xd]	12 x d
min. bending radius moved [xd]	*
working temp fixed min/max [C]	-35°C up to +70
working temp moved min/mac [C]	-35°C up to +70
temp at conductor max.	+90°C
burning behaviour	EN 60332-1-2
Approvals	*

Kabel / Cable

Art Nr. Part No.	Adern x Querschnitt no. of cores x cross section	Außen Ø ca. mm outer Ø ca. mm	CU Gewicht kg/100m copper weight kg/100m	Gewicht kg/100m weight kg/100m
709020400	2 x 4	16.00	12.30	35.00
709020600	2 x 6	15.00	18.20	39.20
709030250	3 x 2.50	14.20	10.40	28.00
709030600	3 x 6	17.30	24.00	50.00
709031600	3 x 16	23.10	64.30	101.00
709040250	4 x 2.50	14.00	12.80	34.00
709040400	4 x 4	21.00	20.00	46.00
709040600	4 x 6	22.00	29.70	58.00
709041000	4 x 10	23.00	50.40	76.50
709050250	5 x 2.50	17.00	15.20	40.00
709050600	5 x 6	21.00	35.50	70.00
709070250	7 x 2.50	21.00	20.00	45.00
709070600	7 x 6	23.00	47.00	79.00
709071000	7 x 10	25.00	73.90	125.50
709120250	12 x 2.50	25.00	33.40	62.80
709140250	14 x 2.50	26.00	40.30	75.00
709190250	19 x 2.50	29.00	52.30	94.00
709240250	24 x 2.50	33.00	69.60	110.60