

KGF CU FR GLØDET

Blank glowed copper line



GENERAL INFO

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Blank glowed copper line for grounding applications outdoors

Building Installations;Residential Installations;Industrial Installations;Power Distribution

CABLE CONSTRUCTION

Conductor material

Copper

Conductor surface

Bare

ALTERNATIVE NAME

MARKING TEXT ON OUTER SHEATH (EXAMPLE)

STANDARDS APPLIED

APPLICATION PROPERTIES

UV resistant	Yes
Outdoor installation	Yes

PRODUCT RANGE / ORDER DATA

Basic construction	Colour outer sheath	Conductor category	DOP number	Packaging type	Standard packaging quantity	EAN-code (GTIN)	SAP	EL no.
25mm ²		Class 2 = stranded	n/a	Drum	2,000	6430010754589	20075848	2811102
50mm ²		Class 2 = stranded	n/a	Drum	1,000	6430010754602	20075952	2811108
70mm ²		Class 2 = stranded	n/a	Drum	1,000	6410001053709	20075425	2811110
95mm ²		Class 2 = stranded	n/a	Drum	1,000	6410001053952	20075428	2811113
120mm ²		Class 2 = stranded	n/a	Drum	500	6410001053976	20075453	2811115

ER = Copper solid round
 FR = Copper stranded round
 FV = Copper stranded sectorshaped
 AFR = Aluminium stranded round
 AFV = Aluminium stranded sectorshaped

DIMENSIONAL DATA

Basic construction	Diameter conductor [mm]	Nominal thickness insulation [mm]	Nominal outer diameter [mm]	Tolerance diameter outer sheath [$\pm$ mm]	Cable weight [kg/km]
25mm ²	6		6		212
50mm ²	8.6		8.6		411
70mm ²	10.5		10.5		604
95mm ²	12.5		12.5		842
120mm ²	14		14		1,066

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ELECTRICAL VALUES

Basic construction	Conductor resistance at 20° C [Ohm/km]	Current carrying capacity [A]	Short circuit current conductor (Isec) [kA]	Short circuit current conductor (5sec) [kA]
25mm ²				
50mm ²				
70mm ²				
95mm ²				
120mm ²				

Current rating NEK400:2022 Table 52B-10 Method E or F (Cu conductor+PVC), at 30° ambient temperature.

Current rating NEK400:2022 Table 52B-11 Method E or F (Al conductor+PVC), at 30° ambient temperature.

Current rating NEK400:2022 Table 52B-12 Method E or F (Cu conductor + XLPE or EPR), at 30° ambient temperature.

Current rating NEK400:2022 Table 52B-13 Method E or F (Al conductor + XLPE or EPR), at 30° ambient temperature.

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