

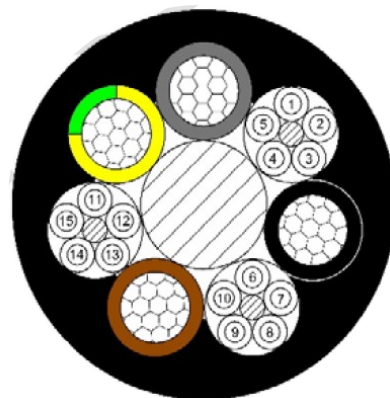
KranEl Basket Cable 4G10 + 3x5x1

High flexible power (P) and control (C) hybrid cable for vertical dynamic operation with mechanical stress, suitable to be collected in gravity-feed collector basket. For extreme usage conditions, such as very low temperatures (-40°C). For use indoors and outdoors (largely UV resistant) and in humid environments. Max. suspension height of 150m.



Design

Conductor:	Bare copper conductor, high flexible wires
Insulation:	P: Special thermoplastics C: Special thermoplastics
Colour code:	P: Brown, black, grey, green/yellow C: White with black numbers (1-15)
Make-up:	Control cores twisted to bundles (3x5) and twisted together with power cores over textile yarns suspension unit in the center.
Jacket:	Special thermoplastics, flame redundant
Colour:	Black, similar to RAL 9005



Technical data in basket operation

Temperature range:	-40°C up to +70 °C
Min. Bending radius:	150mm
Max. suspended height:	150m
Central suspension unit:	To be used as self-supporting element. Min. tensile strength of 10 kN

Electrical data

Rated voltage:	P: 450/750V C: 300/500V
Test voltage:	P: 2 500V C: 1 500V
Conductor resistance:	According to DIN EN 60228

Standards

No flame propagation according to EN 603332-1-2
CE 2014/35/EU & RoHS compliant

Cond. x cross-section N x mm ² + N x mm ²	Outer diameter mm	Weight kg/m (±5%)	Copper content Kg/km
4 x 10 + 3 x 5 x 1	25	949	531,0

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