COPPER LAND

Amaleege

TECHNICAL DATASHEET

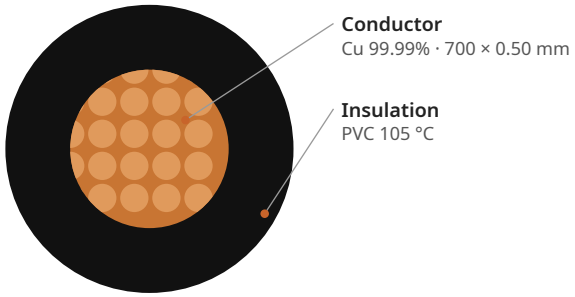
1 × 150 mm²

Cu/PVC 105 °C · 0.6/1 kV · Flexible Cable

Production No.	18555
Issue Date	20/10/2026
Item Code	040204150
Standard	IEC 60502-1

DESCRIPTION	SIZE	VOLTAGE GRADE	CODE DESIGNATION	CONDUCTOR
Cu/PVC 105 °C	1 × 150 mm²	600-1000 V	IEC 60502 NYA	700 × 0.50 mm

CROSS SECTION



APPLICATION

For indoor and outdoor fixed installations, normally used for power distribution. Suitable for laying in conduits as well as on steel support brackets in urban networks.

CONSTRUCTION

Conductor material	Copper 99.99%
Conductor type	Circular stranded
Wires × diameter	700 × 0.50 mm
Conductor diameter	13.23 mm
Insulation material	PVC 105 °C
Insulation thickness	4.6 mm
Core diameter	22.5 mm
Overall cable diameter	22.5 mm
Approx. cable weight	1578.7 kg/km

ELECTRICAL PROPERTIES

Max. DC resistance at 20 °C	0.13 Ω/km
Max. AC resistance at 70 °C	0.15 Ω/km
Short-circuit current (1 s)	21.45 kA
Rated current, in air 40 °C *	330 A
Rated current, in pipe 40 °C *	261 A

* IEC 60364-5-52, single circuit, ambient 40 °C.

CORE IDENTIFICATION

- Black
- Grey
- Blue
- Orange
- Red
- Yellow
- Green/Yellow
- Brown

Other colours on customer request.

OPERATING TEMP.	SHORT-CIRCUIT TEMP.	RATED CURRENT	OVERALL DIAMETER	CABLE WEIGHT
105 °C	160 °C	330 A	22.5 mm	1578.7
max. conductor	up to 5 s	in air, 40 °C	nominal	kg/km, approx.

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Values are nominal and subject to manufacturing tolerances.

Scan for the online datasheet
copperland.sa/p/1x150-105