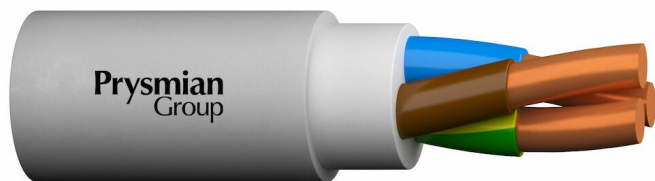


NYM-J 300/500V CPR E

NYM-J(O) 300/500V - Building wires



Round cable for fixed installation, especially for indoor applications under plaster or installation tubes. Installation of the product should only be carried out by personnel trained and qualified for electrical works. The product is designed according to recognized standards. Applicable rules of installation must be applied at all times.

STANDARDS

RoHS



VDE 0250-204

EN 60228

DIN VDE 0281-TM1

EN 50575

EN 60332-1-2

General
Conductor
Compound
Fire performance
Fire performance

CABLE-DESIGN

Conductor category	Class 1 = solid
Conductor material	Copper
Shape of conductor	Round
Core insulation material	Polyvinyl chloride (PVC)
Material outer sheath	Polyvinyl chloride (PVC)

CHARACTERISTICS

Bending radius (rule)	6-12x D
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CHEMICAL PROPERTIES

Silicon free	Yes
Lead free	Yes

ELECTRICAL & THERMAL PARAMETERS

Nominal voltage U0 [V]	300
Nominal voltage U [V]	500
Test voltage [kV]	2
Rated voltage U0/U (Um)	300/500 V
Max. conductor temperature [°C]	70
Laying temperature (min) [°C]	-5

CABLE PROPERTIES

Basic construction	Shape of conductor	SAP code	Nominal outer diameter [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
3x1,5	Round	20205985	8.33	121	0.17
3x2,5	Round	20205983	9.54	166	0.29
5x1,5	Round	20206010	10.09	179	0.17
5x2,5	Round	20205954	11.34	240	0.29
5x4	Round	20206015	13.43	359	0.46
5x6	Round	20205968	15.15	488	0.69
5x10	Round	20206006	18.36	757	1.15