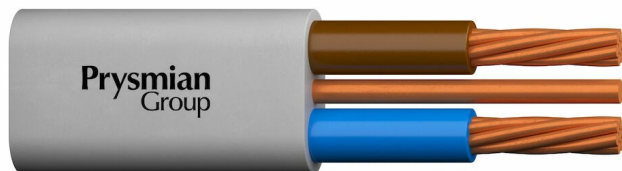


BS 300/500V CPR E FLAT

BS FLAT sheathed cable 300/500V with bare protective conductor



Flat PVC installation cable with bare protective conductor for fixed indoor installations, in air and under plaster. Installation 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 time

STANDARDS

RoHS



BS 6004

EN 60228

EN 50363-3

BS 7655-4.2. Type 6

EN 50575

EN 60332-1-2

General

Conductor

Compound

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 x D

CHEMICAL PROPERTIES

Silicon free

Yes

Lead free

Yes

Moisture resistance

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	Cable height approx. [mm]	Cable width approx. [mm]	Cable weight [kg/km]	Short circuit current conductor (1sec) [kA]
2x1+1	Round	20208576	4.1	7.5	61	0.11
2x1,5+1	Round	20208577	4.6	8.5	77	0.17
2x2,5+1,5	Round	20208546	5.4	10	112	0.29