

COBREFLEX PP CABLE 70°C 500V

CABLES FOR HOUSEHOLD APPLIANCE CONNECTIONS,
PORTABLE TOOLS AND EQUIPMENT IN GENERAL



APPLICATION:

I Suitable for connections of household appliances, tools and portable equipment in general.

CONDUCTOR:

bare copper wires, soft tempered, according to NBR NM 280, Class 5 stringing.

INSULATION:

Thermoplastic compound based on polyvinyl chloride (PVC/D).

COLORS:

2 conductors: blue and black;
3 conductors: blue, black and white;
4 conductors: blue, black, brown and green.

COVER:

Thermoplastic compound based on polyvinyl chloride (PVC/ST5) black color.

PACKAGING: Supplied in rolls or packed in wooden coils.

PACKAGING

Supplied in rolls or packed in wooden reels.

APPLICABLE STANDARDS:

NBR NM 247-5 - Vinyl chloride (PVC) insulated cables for rated voltages up to and including 450/750 V - Part 5: Flexible cables (strands) (IEC 60227-5, MOD)

NBR NM 280 - Insulated Cable Conductors (IEC 60228, MOD);



CONSTRUCTION DATA

Conductor Nominal Section (mm²)	Maximum diameter of wires in conductor* (mm)	Nominal insulation thickness (mm)	Minimum insulation resistance: 20°C	Maximum electrical resistance 20°C (Ω/km)	Nominal thickness of the cover			Minimum Outside Diameter			Nominal Net Weight (kg/km)		
					2 conductors	3 conductors	4 conductors	2 conductors	3 conductors	4 conductors	2 conductors	3 conductors	4
1,5	0,26	0,7	10	13,30	0,8	0,9	1,0	6,80	7,40	8,40	83	103	129
2,5	0,26	0,8	9	7,58	1,0	1,1	1,1	8,40	9,20	10,1	128	160	196
4	0,31	0,8	8	4,85	1,1	1,2	1,3	9,70	10,5	11,7	174	220	275
6	0,31	0,8	7	3,30	1,3	1,4	1,4	11,0	11,9	13,1	236	299	368

*As established from NBR NM 280