



FFROR 300/500 V- 450/750 V

Reference standards

CEI 20 – 20/5
CEI 20 – 11
CEI 20 – 29

Cable description

Extremely flexible cables for use in office equipment or domestic applications as extension cables for large appliances, mobile appliances and uses subject to frequent movement.

Conductor

Red copper flexible round cord CLASS 6

Core isolation

Polyvinyl chloride (PVC) compound TI2

Core colour

2x Brown / Blue
3G Blue / Brown / Yellow-Green
4G Brown/Black/Grey/Yellow-Green

Sheath

Polyvinyl chloride (PVC) based compound quality TM2

Sheath colour

Orange

Technical specifications

Extreme flexibility

Rated voltage: U_o/U: 300/500 V (for 1 mm² conductors) - 450/750 V (for 1.5/2.5 mm² conductors)

Maximum operating temperature: 70° C

Minimum operating temperature: -10° C

Maximum short circuit temperature: 160° C

Installation conditions

Minimum laying temperature: 0° C

Recommended minimum bending radius: 10 times the cable diameter for mobile laying, 4 times for fixed laying.

Maximum recommended tensile stress: 50 N/mm² total section of the copper for fixed laying.

Packaging

- Hanks 100 metres
- Wooden reel

Applications

Extremely flexible cables for portable devices, household appliances, tool extensions

Conductor number N°	Nominal section mmq	Approximate conductor diameter mm	Average insulation thickness mm	Maximum external diameter mm	Approximate weight Kg /km	Electrical resistance at 20° C. Maximum Ω/Km
2 x	1	1,3	0,7	8,8	80	19,5
	1,5	1,5	0,7	9,3	92	13,3
	2,5	1,9	0,8	11	145	7,98
3 G	1	1,3	0,7	9,4	95	19,5
	1,5	1,5	0,7	9,8	115	13,3
	2,5	1,9	0,8	12	165	7,98
4 G	1	1,3	0,7	10	115	19,5
	1,5	1,5	0,7	11	140	13,3
	2,5	1,9	0,8	13	205	7,98