



APPLICATION

Flexible rubber cable with high temperature resistance suitable for installation in domestic premises, kitchens and offices, for power to ordinary duty applications and supplying appliances subject to low mechanical stresses (vacuum cleaners, cooking appliances, domestic portable tools, hand held inspection lamps). The outdoor use, also in places with presence of water (AD2 condition), is allowed for short duration.

CHARACTERISTICS

Voltage Rating

300/500V

Test Voltage

2000V

Temperature Rating

Fixed: -40°C to +90°C

Minimum Bending Radius

6x outer diameter

CONSTRUCTION

Conductor

Class 5 flexible stranded Copper

Insulation

EPR (Ethylene Propylene Rubber)

Outer Sheath

HOFR CSP (Heat and Oil Resistant and Flame Retardant

Chlorosulphonated Polyethylene)

Sheath Colour

Black

STANDARDS

EN 50525-2-21, HD22.12, EN 60228, CEI 20-19 part 12

Flame Retardant to IEC/EN 60332-1-2

Oil resistant to IEC/EN 50363-2-1

DIMENSIONS

NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL SHEATH THICKNESS mm	NOMINAL OUTER DIAMETER mm
2	0.75	0.80	6.1
3	0.75	0.90	6.7
4	0.75	0.90	7.2
2	1	0.90	6.6
3	1	0.90	7.0
4	1	0.90	7.8

ELECTRICAL CHARACTERISTICS

NOMINAL SECTIONAL AREA mm ²	CROSS STRANDING No x mm ²	NOMINAL CONDUCTOR STRANDING No x mm ²	NOMINAL ELECTRICAL RESISTANCE ohm/Km	NOMINAL DIAMETER ON ISULATION mm	RADIAL THICKNESS OF INSULATION mm
0.75		24 x 0.193	≤ 26.0	2.33	≥ 0.60
1		32 x 0.193	≤ 19.5	2.47	≥ 0.60