



Minimum Bending Radius (mm)

TYPE OF CABLE			AREA mm ²	VOLTAGE	DURING Installation	AFTER Installation
POWER CABLES OR FIXED CABLES	Cu	Multi-core	≤16	0.6/1kV & 450/750V	9 ×OD	6 ×OD
	Cu	Multi-core	>16	0.6/1kV	12 ×OD	8 ×OD
	Cu	Single Core	≤10	0.6/1kV	9 ×OD	6 ×OD
	Cu	Single Core	>10	0.6/1kV	12 ×OD	8 ×OD
	Cu	SWA or CTS		0.6/1kV	18 ×OD	12 ×OD
	Cu	Instrumentation			12 ×OD	8 ×OD
	AL	Multi-core	≥16	0.6/1kV	12 ×OD	8 ×OD
	AL	Single Core	≥16	0.6/1kV	10 ×OD	6 ×OD
FLEXIBLE CABLES	Cu	Braided VSD		0.6/1kV	8 ×OD	6 ×OD
	Cu	Single Core		0.6/1kV	6 ×OD	4 ×OD
	Cu	Ordinary Duty		300/500V & 250/440V	8 ×OD	6 ×OD
	Cu	Heavy Duty		0.6/1kV	6 ×OD	4 ×OD
	Cu	Fire Rated Multi-core		0.6/1kV & 450/750V	12 ×OD	8 ×OD
	Cu	Fire Rated Single Core		0.6/1kV	10 ×OD	6 ×OD
	Cu	Welding			6 ×OD	4 ×OD
	Cu	Rubber			8 ×OD	6 ×OD
	AL	Single Core		0.6/1kV	10 ×OD	6 ×OD

*OD = Overall diameter of cables (mm)

Maximum Pulling Tension

Class 2 Cu Conductor	70 N/mm ² × Total Cross Sectional Area of Phase Conductor
Class 2 AL Conductor	50 N/mm ² × Total Cross Sectional Area of Phase Conductor
Flexible Cu/TCu Conductor (Except Rubber Cables)	20 N/mm ² × Total Cross Sectional Area of Phase Conductor
Rubber Cables	15 N/mm ² × Total Cross Sectional Area of Phase Conductor
Flexible AL Conductor	39 N/mm ² × Total Cross Sectional Area of Phase Conductor

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