

FURUKAWA ELECTRIC INDUSTRIAL CABLE CO., LTD
CABLE ENGINEERING SECTION
ENGINEERING DEPARTMENT
ENGINEERING DEVELOPMENT DIVISION

Minimum Cable Bending Radius

The bending radius for installation of cables should be not less than the values given in table1 and table2 for according to IEC 61892-4.

Table 1 Bending radii for cable rated up to 1.8/3kV

Type of cable	Minimum internal radius of bend
Unarmoured or unbraided	
D≤25mm	4D
D>25mm	6D
Material braid screened or armoured	6D
Tape screen	8D
*D is overall diameter of cable.	

Table 2 Bending radii for cables rated at 3.6/6.0(7.2) kV and above

Type of cable	Minimum internal radius of bend
Conductor stranding (Class2)	
Single core cable	12D
3-core cable	9D
Flexible conductor stranding (Class5)	
Unarmoured cable	6D
Armoured cable	8D
*D is overall diameter of cable.	