

Specification

Endglow cable is either single or multistrand fibres in a flexible PVC jacket for ease of handling and fibre protection. Endglow cable is ideal for use with architectural lighting fixtures, water-tight lenses, feature lights and signage application.

Our fibre is manufactured from Mitsubishi / ESKA raw fibre and sheathed in PVC jackets for waterproof protection.

Cable Construction

Single core or Multicore untwisted PMMA acrylic optical fibres within a flexible PVC jacket. (Diameter based on fibre quantity)

The cable diameter is determined by the fibre quantity:		
Inner Diameter (mm)	Inner Diameter (mm)	Outer Diameter (mm)
Single Core - 0.5mm Fibre	0.5	1.0
Single Core - 0.75mm Fibre	0.75	1.0
Single Core - 1.0mm Fibre	1.0	2.0
Single Core - 1.5mm Fibre	1.5	2.5
Single Core - 2.0mm Fibre	2.0	3.0
Single Core - 3.0mm Fibre	3.0	4.1
Multi Core - 4X0.75mm Fibre	1.8	3.2
Multi Core - 8X0.75mm Fibre	2.5	4.8
Multi Core - 12X0.75mm Fibre	3.1	5.5
Multi Core - 25X0.75mm Fibre	4.3	6.36
Multi Core - 33X0.75mm Fibre	5.0	7.2
Multi Core - 50X0.75mm Fibre	6.0	7.9
Multi Core - 75X0.75mm Fibre	7.5	9.5
Multi Core - 100X0.75mm Fibre	9.0	12.5
Multi Core - 150X0.75mm Fibre	12.0	15.1



EG0.5
(1mm)



EndGlow® End emitting cable, .039" (1mm) in diameter Black jacket with 1 straight .020"(0.5mm) fibre optic strand. Maximum (smallest) Bend Radius = .5" (12.7mm)

Model No.

FP0.5EG

EG0.75
(1mm)



EndGlow® End emitting cable, .039" (1mm) in diameter Black jacket with 1 straight .029"(0.75mm) fibre optic strand. Maximum (smallest) Bend Radius = .5" (12.7mm)

Model No.

FP0.75EG

EG1.0
(2mm)



EndGlow® End emitting cable, .078" (2mm) in diameter Black jacket with 1 straight .039"(1.0mm) fibre optic strand. Maximum (smallest) Bend Radius = .67" (17.2mm)

Model No.

FP1.0EG

FP1.5EG
(2.5mm)

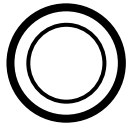


EndGlow® End emitting cable, .098" (2.5mm) in diameter Black jacket with 1 straight .059"(1.5mm) fibre optic strand. Maximum (smallest) Bend Radius = 1.1" (28.5mm)

Model No.

FP1.5EG

FP2.0EG
(3mm)

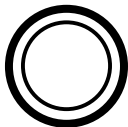


EndGlow® End emitting cable, .118" (2.7mm) in diameter Black jacket with 1 straight .078"(2mm) fibre optic strand. Maximum (smallest) Bend Radius = 1.6" (41.3mm)

Model No.

FP2.0EG

FP3.0EG
(4.1mm)



EndGlow® End emitting cable, .161" (4.1mm) in diameter Black jacket with 1 straight .118"(3.0mm) fibre optic strand. Maximum (smallest) Bend Radius = 2.7" (68mm)

Model No.

FP3.0EG

FP4.OEG
(3.2mm)



EndGlow® End emitting cable, .125" (3.2mm) in diameter Black jacket with 4 straight .030"(0.75mm) fibre optic strand. Maximum (smallest) Bend Radius = .5" (12.7mm)

Model No.
FP4.OEG

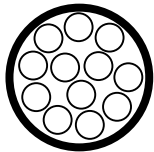
FP8.OEG
(4.8mm)



EndGlow® End emitting cable, .125" (3.2mm) in diameter Black jacket with 8 straight .030"(0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = .78" (20mm)

Model No.
FP8.OEG

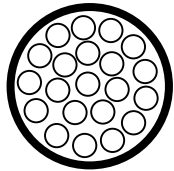
FP12.OEG
(5.5mm)



EndGlow® End emitting cable, .218" (5.5mm) in diameter Black jacket with 12 straight .030"(0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = .98" (25mm)

Model No.
FP12.OEG

.250"
(6.36mm)

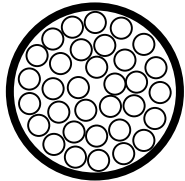


EndGlow® End emitting cable, .250" (6.36mm) in diameter Black jacket with 25 straight .030"(0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 1.6" (41.3mm)

Model No.

FP25.OEG

.283"
(7.2mm)

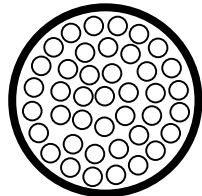


EndGlow® End emitting cable, .283" (7.2mm) in diameter Black jacket with 33 straight .030"(0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 1.77" (45mm)

Model No.

FP33.OEG

.312"
(7.9mm)

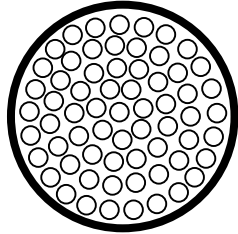


EndGlow® End emitting cable, .312" (7.9mm) in diameter Black jacket with 50 straight .030"(0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 2.36" (60mm)

Model No.

FP50.OEG

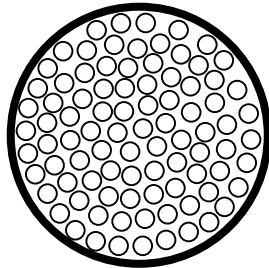
.375"
(9.5mm)



EndGlow® End emitting cable, .375" (9.5mm) in diameter Black jacket with 75 straight .030" (0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 3.5" (90mm)

Model No.
FP75.0EG

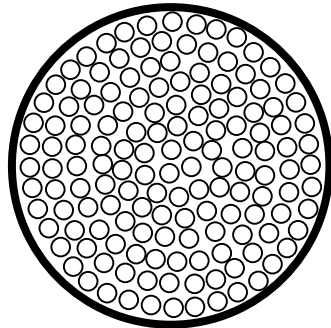
.492"
(12.5mm)



EndGlow® End emitting cable, .492" (12.5mm) in diameter Black jacket with 100 straight .030" (0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 4.72" (120mm)

Model No.
FP100.0EG

.594"
(15.1mm)



EndGlow® End emitting cable, .594" (15.1mm) in diameter Black jacket with 150 straight .030" (0.75mm) fibre optic strands. Maximum (smallest) Bend Radius = 5.51" (140mm)

Model No.
FP150.0EG