MAXCELL® EDGE

MaxCell Edge is commonly used for general outside plant (OSP) applications when deploying new or overriding cables. MaxCell Edge maximizes the fill ratio of conduits today and preserves infrastructure space for tomorrow. Unlike rigid innerduct, MaxCell Edge can increase cable density by 300% or more and installs twice as fast.

Features and Benefits:

- Designed for 1.25” and larger conduit applications
- Supports various cable sizes
- Enables overlay of cables in occupied conduits
- Identified by its orange fabric
- Can reduce material and labor costs by 50% or more
- Cuts carbon emissions by over 80%
- Outperforms rigid innerduct in both cost efficiency and sustainability
- Melting point of 419°F (215°C) - almost twice that of HDPE
- Constructed of PET (polyethylene terephthalate) and nylon 6
- Pre-lubed for lower friction during cable installation**
- Manufactured in the U.S.A.
- **Features:**
  - Pre-installed 1,250 lb. Vis™ Glide Rope in each cell* for MaxCell Edge 1.25” - 2.00”
  - Color coded, pre-installed 1,250 lb. pull tape in each cell* for MaxCell Edge 3.00” 3-Cell, 3.00” 4-Cell, 4.00” 3-Cell
  - Color coded, pre-installed 1,800 lb. pull tape in each cell* for MaxCell Edge 4.00” 4-Cell

Design and fabrication of MaxCell is patent protected.
**Higher tensile strength pull tape and rope options are available for difficult cable installation.*
***Additional lubrication is recommended to further decrease friction during cable installation.*

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Product Number	Min. Conduit ID	Cells	Replaces	Max. Cable Diameter Per Cell	Range of Cable Size
MXE32122	1.25"	2	MXCM3302	12mm (.45")	Up to 12mm
MXE32123	1.25"	3	MXCM3303	12mm (.45")	Up to 12mm
MXE36142	1.50"	2	N/A	14mm (.55")	Up to 14mm
MXE36143	1.50"	3	N/A	14mm (.55")	Up to 14mm
MXE44182	1.75"	2	N/A	18mm (.70")	Up to 18mm
MXE44183	1.75"	3	N/A	18mm (.70")	Up to 18mm
MXE44184	1.75"	4	N/A	18mm (.70")	Up to 18mm
MXE52222	2.00"	2	MXC2002	22mm (0,85")	Up to 22mm
MXE52223	2.00"	3	MXC2003	22mm (0,85")	Up to 22mm
MXE52224	2.00"	4	N/A	22mm (0,85")	Up to 22mm
MXE64283	3.00"	3	MXC3456	28mm (21,05")	Up to 28mm
MXE64284	3.00"	4	MXC3456	28mm (1,05")	Up to 28mm
MXE86383	4.00"	3	MXC4003	38mm (1,50")	Up to 38mm
MXE86384	4.00"	4	N/A	38mm (1,50")	Up to 38mm

Important Installation Tips

- Swivels must be used when pulling MaxCell Edge
- Contact customer service for installation assistance

MaxCell Edge products are available in multiple sizes and configurations. Contact customer service on applications requiring MaxCell Premise products ISP (plenum or riser ratings).

Use of optical fiber nonconductive riser (OFNR) or optical fiber conductive riser (OFCR) cable may result in reduced pulling lengths as the cable jacket compositions may result in a higher coefficient of friction over traditional outside plant (OSP) cabling. Designers should make every effort to conform to industry standards (BICSI best practices and ANSI standards) regarding distances between any two pull points, number of bends and adhere to the cable manufacturer's maximum pulling tension specifications. Do not exceed two 90° bends or a total of 180° in a single pull. Consult a MaxCell representative if unavoidable. Proofing (mandreling) of conduit pathways is advised prior to MaxCell solutions installation (normally ¼" to ½" less than the diameter of the conduit).

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