

# MAXCELL DATA CENTER EDGE 4.00"

Hyperscale Data Center Solutions



MaxCell® Data Center Edge is a fabric innerduct designed to enable safe installation of high-value, high-density, pre-connectorized fiber cabling in conduit-based network infrastructure.

- Solves cabling issues for conduits, allowing a range of cable sizes
- Protects cable jacket integrity by preventing “burn-through” from cable over cable friction
- Reduces or eliminates number of conduits required in new construction
- Resistant to ground chemicals and petroleum products
- Patented fabric design may reduce pulling tension by up to 20% over previous MaxCell versions
- Features color coded, pre-installed 1800LB (816kg) pull tape in each cell
- Pre-lubed for lower friction during MaxCell and cable installation\*
- Manufactured in the U.S.A.



MaxCell is depicted in 4" conduit with a Corning® pulling head.

PRODUCT #	MIN CONDUIT ID	CELLS	MAX CABLE DIAMETER PER CELL
MXE116603	4.00" (100mm)	3 Cell	2.36" (60mm)

## IMPORTANT INSTALLATION TIPS

- Swivels must be used when pulling MaxCell
- The factory installed pull tapes in each cell must free-float during installation
- Contact customer service for installation assistance

**View installation video online:**

[www.maxcell.us/installation.aspx](http://www.maxcell.us/installation.aspx)

Use of OFNR or OFNP cable may result in reduced pulling lengths as the cable jacket compositions may result in a higher coefficient of friction over traditional OSP (outside plant) cabling. Designers should make every effort to conform to industry standards (BICSI best practices and ANSI standards) with regard to 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 installation (normally 1/4" to 1/2" less than the diameter of the conduit).

*Design and fabrication of MaxCell is patent protected.*

*\* Additional lubrication is recommended to further decrease friction during cable installation.*

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