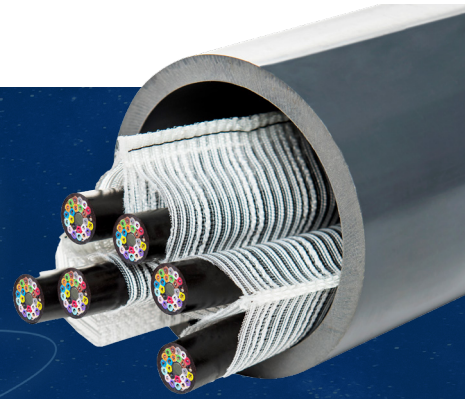




# OptiCell™ Edge

## 64 mm Flexible Innerduct System



OptiCell™ Edge innerduct is a flexible fabric system designed specifically for increasing conduit capacity. The unique textile construction allows OptiCell™ innerduct to conform to the shape of cables placed within, greatly reducing wasted space and increasing cable deployment efficiency.

### Technical Information

<b>Material Fabric</b>	Warp - Polyester Monofilament Filling - Nylon/Polyester
<b>Pull Tape</b>	High Tenacity Multifilament Polyester 12 mm/Optional 20 mm
<b>Sewing Line</b>	Polyester
<b>Temperature Range</b>	-30°C to 100°C
<b>Lubricate</b>	100% Silicon Oil
<b>Breaking Tensile</b>	4-Cell > 2,000 kg 3-Cell > 1,600 kg 2-Cell > 1,000 kg 1-Cell > 600 kg
<b>% Elongation @ 50 kgs</b>	< 3%
<b>Melting Point</b>	>215°C
<b>Thermal Expansion</b>	8.4 mm/100 m/ 5°C
<b>Detectable Wire</b>	Optional AWG 18Ga. (0.75mm <sup>2</sup> ) Solid Core Copper with Vinyl and Nylon Insulation
<b>Reel Length</b>	1000 m (Standard) Min 500 m/Max 6300 (3-cell)
<b>Chemical Resistance</b>	Resistance to ground chemicals and petroleum products

### Key Features

- Configurations in 1, 2, and 3-cells available for all products
- Available in Standard and Detectable versions
- Pre-installed color-coded pulling tapes are standard
- MaxGlide rope optional for difficult applications
- Pre-lubricated for lower pulling tensions

### STANDARD

EDGE 6428-1	1-Cell Standard
EDGE 6428-2	2-Cell Standard
EDGE 6428-3	3-Cell Standard
EDGE 6428-4	4-Cell Standard

### APPLICATION

**Minimum Duct/Conduit ID (3-cell):** 60 mm  
**Maximum cable diameter for each cell:** 28 mm  
See Design Manual for Overlay and Multiple packs installation.

### ACCESSORIES

#### Milliken Pull Tapes (Standard)

MT565-xx	12 mm Pull Tape
MT815-xx	16 mm Pull Tape
MT1135-xx	20 mm Pull Tape

#### Milliken Pull Tapes (Detectable)

DT565-xx	12 mm Pull Tape
DT815-xx	16 mm Pull Tape
DT1135-xx	20 mm Pull Tape

### TOOLS FOR INSTALLATION

Swivel	Pull Tape	Vinyl Tape
Scissors	Extra Lubricant	Cable Grip

- x Designate color of thread RD (Red), BK (Black), BL (Blue), L (Yellow), GR (Green)
- xx Designate spool length 1000 (1000 m spool), 1500 (1500 m spool)

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