



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.

28mm Fabric Innerduct

Standard

EDGE 2810-1	1-Cell Standard
EDGE 2810-2	2-Cell Standard
EDGE 2810-3	3-Cell Standard
EDGE 2810-4	4-Cell Standard

Application

Minimum Duct/Conduit ID (3-cell): 26mm
Maximum cable diameter for each Cell: 10mm
See Design Manual for Overlay and Multiple packs installation.

Accessories

Milliken Pull Tapes (Standard)

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

Milliken Pull Tapes (Detectable)

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

Tools for Installation

Swivel	Pull Tape
Scissors	Extra Lubricant
Vinyl Tape	Cable grip

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

Technical Information

Material Fabric	Warp - Polyester Monofilament Filling - Nylon/Polyester
Material Pull Tape	High Tenacity Multifilament Polyester core with polyethylene monofilament jacket 4mm 250kg breaking tensile
Sewing Line	Bonded Polyester
Temperature range	-30°C to 100°C
Lubricate	100% Silicon Oil
Breaking Tensile	4-Cell >1000kg 3-Cell >700kg 2-Cell >500kg 1-Cell >300kg
% Elongation @ 50kgs	<3%
Melting Point	>215°C
Thermal Expansion	8.4mm/100m/5°C
Reel Length	1000m (Standard) Min 500m/ Max 6300m (3-cell)
Chemical Resistance	Resistance to ground chemicals and petroleum products

Key Features

- Configurations in 1, 2, 3, and 4-cells available for all products
- Pre-installed MaxGlide rope is standard
- Pre-lubricated for lower pulling tensions

The information contained in this document is subject to change without notice.