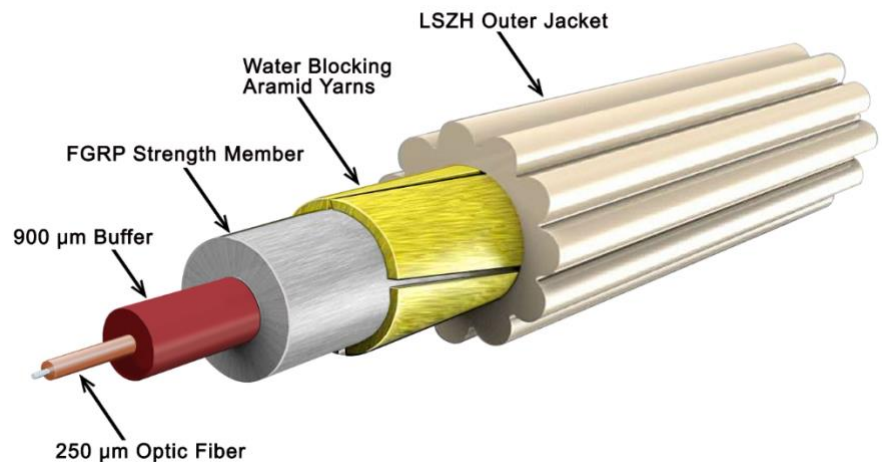# Fiber pushable drop cable for indoor and outdoor applications: New Product

CommScope's fiber pushable indoor and outdoor drop cable is the latest development in drop technolgy for FTTX networks. The cable is designed for speedy installation with and without the use of air, due to the flexible, yet stiff contruction of the fluted outer jacket. For maximum efficiency, the cable is intended to be used in duct sizes ranging from 1/8" (6mm) to 3/8" (10mm) ID, and can be pushed up to 500ft (150m) by hand without the assistance of air, and up to nearly 1970ft (600m) with air. The inner cable is comprised of a single G.657.A2 bend-insensitive single-mode fiber with a 900µm tight buffer all contained in a peelable GRP housing, surrounded by aramid yarns.

- G.657.A2 bend-insensitive single-mode fiber

- Single 250µm fiber with 900µm tight buffer

- Fiber encapsulated by Strippable Fiberglass GRP rod, wrapped with aramid yarns

- Non-preferential bend cable with low friction, fluted outer jacket

- Low Smoke Zero Halogen (LSZH) outer jacket

- EN50575 CPR Cable EuroClass Dca

- OFNG/OFN Rated - Nonconductive optical fiber general-purpose cable

Pushable Distance (feet (m))						
Jacket	3/8" (10 mm) ID Duct**		1/8" (6 mm) ID Duct**		SC/APC Pushable Lead (3/8"ID Duct)	
	w/o Air	with Air	w/o Air	with Air	w/o Air	with Air
LSZH	500 (150)	1970 (600)	500 (150)	860 (240)	500 (150)	1970 (600)
MDPE	300 (90)	1970 (600)	400 (120)	600 (180)	430 (130)	1970 (600)

* Results are based on an independent field trial and may vary per installation.
** Bronze tip used on the end of cable

Part Numbers

Part Number	Catalog Number	Description	Reel Length ft (m)
810009380/DB	Z-001-DN-8G-F35IV/PUSH	Ivory, Pushable, Indoor/Outdoor Drop Cable	5,000 (1524)
860644017/DB	Z-001-DN-8G-F35BK/PUSH	Black, Pushable, Indoor/Outdoor Drop Cable	5,000 (1524)
860644020/DB	D-001-DN-8G-F35BK/PUSH	Black, Pushable, Outdoor Drop Cable	5,000 (1524)

Supporting Documents:

Please visit the link below for installation instructions
Installation Instructions