



PRODUCT DESCRIPTION

UCL Swift's all-dielectric, flat FTTH drop cable is designed for installation in various outside plant environments such as direct burial, conduit and aerial self-supporting applications. The optional toning conductor makes for easy underground installation and detection.



BENEFITS AND FEATURES

Rugged design ideal for outdoor environments

Compact cable construction

All-Dielectric cable eliminates the need for bonding or grounding requirements

Optional toning conductor makes for easy detection and underground installation

Offers exceptional crush resistance

RoHS - Compliant



CABLE CONSTRUCTION

Fiber & sub-unit	Fiber type & count	G.652, G.657.A2, G.657.B3; 1 or 2 core (Corning ClearCurve)
	Sub-unit & inner jacket	2.9mm & 0.9mm x 2mm
	Material	OFNR
	Color (sub-unit)	White
Strength member	Material	FRP or GRP
	Count	2ea
Outer Sheath	Material	MDPE
	Color	Black
Physical Dimension	Diameter	8.1mm ± 0.2(W); 4.5mm ± 0.2(H)
Detecting Option	Toning conductor	24 AWG copper
	Cable size with conductor	10.2mm x 4.5mm



OUTER JACKET : PE

STRENGTH MEMBER (FRP OR GPR)

TONING CONDUCTOR : 24AWG (COPPER)

INNER JACKET : 2.9MM

900µm BUFFERED FIBER

WATER-BLOCKING ARAMID YARN



ENVIRONMENTAL PROPERTIES

Installation Temperature	-30°C to 70°C (-22°F to 158°F)
Operating Temperature	-40°C to 70°C (-40°F to 158°F)



MECHANICAL PROPERTIES

Tensile strength	Short term: 1350N	IEC60794-1-E1
	Long term: 400N	
Crush	1000N/100mm	IEC60794-1-E3
Twist	10 cycles	IEC60794-1-E7
Cycle flexing	35 cycles	IEC60794-1-E6



ORDERING INFORMATION

FIBER TYPE	FIBERS	TONEABLE (Y/N)	PART NUMBER
G652 D	2	Y	UCL 2C G652 D Corning Fiber MDPE TC 8145 (1045)
G652 D	2	N	UCL 2C G652 D Corning Fiber MDPE 8145 (1045)
G657A2	2	Y	UCL 2C G657 A2 Corning Fiber MDPE TC 8145 (1045)
G657A2	1	N	UCL 1C G657 A2 Corning Fiber MDPE 8145 (1045)
G657A2	2	N	UCL 2C G657 A2 Corning Fiber MDPE 8145 (1045)
G657A2	1	Y	UCL 1C G657 A2 Corning Fiber MDPE TC 8145 (1045)
G657B3	2	Y	UCL 2C G657 B3 Corning Fiber MDPE TC 8145 (1045)
G657B3	2	N	UCL 2C G657 B3 Corning Fiber MDPE 8145 (1045)



MARKING & PACKING

SHEATH MARKING

The cable will have the following information clearly marked on the outer sheath at regular intervals.

Length in meter or feet	: XXXXM
Manufacturer's Name	: UCL
Year of manufacture	: 20xx
Fiber count	: 1 or 2 fibers
Fiber type	: G.652 or MMG.657.A2, G.657.B3
Outer sheath material	: MDPE
Cable Size	: 8145(8.1mmx4.5mm) or 10245(10.2mmx4.5mm)

PACKING

Available on 1-kilometer reels.

Each length of the cable will be wound on a wooden or plywood reel.

The cable ends will be securely fastened to the reel to prevent the cable from loosening in transit or during operations.

A suitable plastic tape will be laid on the cable to prevent moisture during shipping, handling and storage.

LABELING

The label information on the reel will match the following:

Cable type and fiber counts

Length of cable in meter or feet

Gross weight in kilograms

Reel number

Year of manufacture