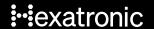# External Drop Cables

FTTX External Drop Cable for outdoor distribution

Features

- ITU-T G657A bending sensitive fiber
- Tight buffered
- Non-metallic cable
- UV Stabilized jacket
- Meets IEC and ITU-T Standards
- RoHS Compliant

Application

The FTAC-X series is designed to meet the standards of both aerial and underground external FTTH networks where a more ruggedized and self-supporting patch cord is required. Available in UPC and APC variants.

Design

The FTAC-X series has a very good temperature performance, making them very stable over time in various environmental conditions.
The patch cords are designed with Ø 0.9 mm tight-buffered secondary coating and a strength member made up of water-swellable aramid yarn. The outer jacket is made of a flame retardant, UV stabilized, thermoplastic material suitable for external use.

Technical Information

Product Color	Black
Temperature, Operation [°C]	-40 - +70
Temperature, Storage [°C]	-40 - +85
Temperature, Installation [°C]	-10 - +60
Water Blocking	Water blocking aramid yarn
Reaction to Fire	Flame retardant test per IEC 60332-1, IEC 60332-3-22 Category A
Fiber Type	G657A2
Insertion Loss, max [dB]	0.30
Return Loss, min [dB]	SC/UPC & LC/UPC: 50, SC/APC & LC/APC: 60

Conformance	IEC 61754 series: Fiber connector interfaces
	IEC 61755 series: Fiber optic connector optical interfaces
	IEC 61753 series: Fiber optical interconnecting devices and passive components performance standard
	IEC 61300 series: Fiber optic interconnecting devices and passive components – basic test and measurement
	IEC 60794-2-50: Indoor optical fiber cables for simplex and duplex cables for use in patch cords
	ITU G657A2: Characteristics of SM optical fiber
	IEC 60332-3-24: Test - flame propagation of patch cables installed vertically in shafts
	UL94 V-0: Flame resistance on connectors
Technical Notes	Insertion loss measured according to IEC61300-3-4
	Return loss measured according to IEC61300-3-6

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Article name	Color	No. of Fibers	Layout	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 25m FTACS01-S745-ASCPIG-M025X	Black	1	ASC - Pigtail	30	4.5	25
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 40m FTACS01-S745-ASCPIG-M040X	Black	1	ASC - Pigtail	30	4.5	40
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 50m FTACS01-S745-ASCPIG-M050X	Black	1	ASC - Pigtail	30	4.5	50
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 80m FTACS01-S745-ASCPIG-M080X	Black	1	ASC - Pigtail	30	4.5	80
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 100m FTACS01-S745-ASCPIG-M100X	Black	1	ASC - Pigtail	30	4.5	100
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 150m FTACS01-S745-ASCPIG-M150X	Black	1	ASC - Pigtail	30	4.5	150
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 200m FTACS01-S745-ASCPIG-M200X	Black	1	ASC - Pigtail	30	4.5	200
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 250m FTACS01-S745-ASCPIG-M250X	Black	1	ASC - Pigtail	30	4.5	250
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 300m FTACS01-S745-ASCPIG-M300X	Black	1	ASC - Pigtail	30	4.5	300
External Drop - Black 1F G657.A2 4.5mm - ASC Pigtail - 550m FTACS01-S745-ASCPIG-M550X	Black	1	ASC - Pigtail	30	4.5	550