



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 mainly used in aerial and 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 halogen-free poly-olefin (PO).

Technical Information

Product Color	Black
Temperature, Operation [°C]	-40 - +70
Temperature, Storage [°C]	-40 - +85
Temperature, Installation [°C]	-10 - +60
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 Ø 2 mm 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

Articles 91

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - 1f - A2 - 3mm - ALC-ALC - 100m - Black - DR FTACS01-S730-ALCALC-M100X	Black	1	30	3	100
External Drop - 1f - A2 - 3mm - ALC-ALC - 105m - Black - DR FTACS01-S730-ALCALC-M105X	Black	1	30	3	105
External Drop - 1f - A2 - 3mm - ALC-ALC - 10m - Black FTACS01-S730-ALCALC-M010X	Black	1	30	3	10
External Drop - 1f - A2 - 3mm - ALC-ALC - 115m - Black - DR FTACS01-S730-ALCALC-M115X	Black	1	30	3	115
External Drop - 1f - A2 - 3mm - ALC-ALC - 125m - Black - DR FTACS01-S730-ALCALC-M125X	Black	1	30	3	125
External Drop - 1f - A2 - 3mm - ALC-ALC - 135m - Black - DR FTACS01-S730-ALCALC-M135X	Black	1	30	3	135
External Drop - 1f - A2 - 3mm - ALC-ALC - 145m - Black - DR FTACS01-S730-ALCALC-M145X	Black	1	30	3	145
External Drop - 1f - A2 - 3mm - ALC-ALC - 155m - Black - DR FTACS01-S730-ALCALC-M155X	Black	1	30	3	155
External Drop - 1f - A2 - 3mm - ALC-ALC - 200m - Black - DR FTACS01-S730-ALCALC-M200X	Black	1	30	3	200
External Drop - 1f - A2 - 3mm - ALC-ALC - 20m - Black FTACS01-S730-ALCALC-M020X	Black	1	30	3	20
External Drop - 1f - A2 - 3mm - ALC-ALC - 240m - Black - DR FTACS01-S730-ALCALC-M240X	Black	1	30	3	240
External Drop - 1f - A2 - 3mm - ALC-ALC - 250m - Black - DR FTACS01-S730-ALCALC-M250X	Black	1	30	3	250

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - 1f - A2 - 3mm - ALC-ALC - 300m - Black - DR FTACS01-S730-ALCALC-M300X	Black	1	30	3	300
External Drop - 1f - A2 - 3mm - ALC-ALC - 30m - Black FTACS01-S730-ALCALC-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - ALC-ALC - 350m - Black - DR FTACS01-S730-ALCALC-M350X	Black	1	30	3	350
External Drop - 1f - A2 - 3mm - ALC-ALC - 375m - Black - DR FTACS01-S730-ALCALC-M375X	Black	1	30	3	375
External Drop - 1f - A2 - 3mm - ALC-ALC - 400m - Black - DR FTACS01-S730-ALCALC-M400X	Black	1	30	3	400
External Drop - 1f - A2 - 3mm - ALC-ALC - 40m - Black FTACS01-S730-ALCALC-M040X	Black	1	30	3	40
External Drop - 1f - A2 - 3mm - ALC-ALC - 50m - Black FTACS01-S730-ALCALC-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - ALC-ALC - 60m - Black FTACS01-S730-ALCALC-M060X	Black	1	30	3	60
External Drop - 1f - A2 - 3mm - ALC-ALC - 70m - Black FTACS01-S730-ALCALC-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - ALC-ALC - 80m - Black - DR FTACS01-S730-ALCALC-M080X	Black	1	30	3	80
External Drop - 1f - A2 - 3mm - ALC-ALC - 90m - Black - DR FTACS01-S730-ALCALC-M090X	Black	1	30	3	90
External Drop - 1f - A2 - 3mm - ALC-ALC - 95m - Black - DR FTACS01-S730-ALCALC-M095X	Black	1	30	3	95
External Drop - 1f - A2 - 3mm - ALC-ASC - 10m - Black FTACS01-S730-ALCASC-M010X	Black	1	30	3	10
External Drop - 1f - A2 - 3mm - ALC-ASC - 15m - Black FTACS01-S730-ALCASC-M015X	Black	1	30	3	15
External Drop - 1f - A2 - 3mm - ALC-ASC - 1m - Black FTACS01-S730-ALCASC-M001X	Black	1	30	3	1
External Drop - 1f - A2 - 3mm - ALC-ASC - 20m - Black FTACS01-S730-ALCASC-M020X	Black	1	30	3	20
External Drop - 1f - A2 - 3mm - ALC-ASC - 30m - Black FTACS01-S730-ALCASC-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - ALC-ASC - 3m - Black FTACS01-S730-ALCASC-M003X	Black	1	30	3	3
External Drop - 1f - A2 - 3mm - ALC-ASC - 40m - Black FTACS01-S730-ALCASC-M040X	Black	1	30	3	40
External Drop - 1f - A2 - 3mm - ALC-ASC - 50m - Black FTACS01-S730-ALCASC-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - ALC-ASC - 5m - Black FTACS01-S730-ALCASC-M005X	Black	1	30	3	5
External Drop - 1f - A2 - 3mm - ALC-ASC - 60m - Black FTACS01-S730-ALCASC-M060X	Black	1	30	3	60
External Drop - 1f - A2 - 3mm - ALC-ASC - 70m - Black FTACS01-S730-ALCASC-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 10m - Black FTACS01-S730-ALCPIG-M010X	Black	1	30	3	10

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 20m - Black FTACS01-S730-ALCPIG-M020X	Black	1	30	3	20
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 25m - Black FTACS01-S730-ALCPIG-M025X	Black	1	30	3	25
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 30m - Black FTACS01-S730-ALCPIG-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 40m - Black FTACS01-S730-ALCPIG-M040X	Black	1	30	3	40
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 50m - Black FTACS01-S730-ALCPIG-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 60m - Black FTACS01-S730-ALCPIG-M060X	Black	1	30	3	60
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 70m - Black FTACS01-S730-ALCPIG-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 75m - Black FTACS01-S730-ALCPIG-M075X	Black	1	30	3	75
External Drop - 1f - A2 - 3mm - ALC-Pigtail - 80m - Black DR FTACS01-S730-ALCPIG-M080X	Black	1	30	3	80
External Drop - 1f - A2 - 3mm - ASC-ALC - 20m - Black FTACS01-S730-ASCALC-M020X	Black	1	30	3	20
External Drop - 1f - A2 - 3mm - ASC-ASC - 125m - Black DR FTACS01-S730-ASCASC-M125X	Black	1	30	3	125
External Drop - 1f - A2 - 3mm - ASC-ASC - 25m - Black FTACS01-S730-ASCASC-M025X	Black	1	30	3	25
External Drop - 1f - A2 - 3mm - ASC-ASC - 30m - Black FTACS01-S730-ASCASC-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - ASC-ASC - 35m - Black FTACS01-S730-ASCASC-M035X	Black	1	30	3	35
External Drop - 1f - A2 - 3mm - ASC-ASC - 40m - Black FTACS01-S730-ASCASC-M040X	Black	1	30	3	40
External Drop - 1f - A2 - 3mm - ASC-ASC - 45m - Black FTACS01-S730-ASCASC-M045X	Black	1	30	3	45
External Drop - 1f - A2 - 3mm - ASC-ASC - 50m - Black FTACS01-S730-ASCASC-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - ASC-ASC - 55m - Black FTACS01-S730-ASCASC-M055X	Black	1	30	3	55
External Drop - 1f - A2 - 3mm - ASC-ASC - 60m - Black FTACS01-S730-ASCASC-M060X	Black	1	30	3	60
External Drop - 1f - A2 - 3mm - ASC-ASC - 65m - Black FTACS01-S730-ASCASC-M065X	Black	1	30	3	65
External Drop - 1f - A2 - 3mm - ASC-ASC - 70m - Black FTACS01-S730-ASCASC-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - ASC-ASC - 75m - Black FTACS01-S730-ASCASC-M075X	Black	1	30	3	75
External Drop - 1f - A2 - 3mm - ASC-ASC - 80m - Black DR FTACS01-S730-ASCASC-M080X	Black	1	30	3	80
External Drop - 1f - A2 - 3mm - ASC-ASC - 85m - Black DR FTACS01-S730-ASCASC-M085X	Black	1	30	3	85

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - 1f - A2 - 3mm - ASC-ASC - 95m - Black DR FTACS01-S730-ASCASC-M095X	Black	1	30	3	95
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 105m - Black DR FTACS01-S730-ASCPIG-M105X	Black	1	30	3	105
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 125m - Black DR FTACS01-S730-ASCPIG-M125X	Black	1	30	3	125
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 45m - Black FTACS01-S730-ASCPIG-M045X	Black	1	30	3	45
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 50m - Black FTACS01-S730-ASCPIG-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 65m - Black FTACS01-S730-ASCPIG-M065X	Black	1	30	3	65
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 70m - Black FTACS01-S730-ASCPIG-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 75m - Black FTACS01-S730-ASCPIG-M075X	Black	1	30	3	75
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 85m - Black DR FTACS01-S730-ASCPIG-M085X	Black	1	30	3	85
External Drop - 1f - A2 - 3mm - ASC-Pigtail - 95m - Black DR FTACS01-S730-ASCPIG-M095X	Black	1	30	3	95
External Drop - 1f - A2 - 3mm - UFC-ASC - 1m - Black FTACS01-S730-UFCASC-M001X	Black	1	30	3	1
External Drop - 1f - A2 - 3mm - UFC-ASC - 2m - Black FTACS01-S730-UFCASC-M002X	Black	1	30	3	2
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 10m - Black FTACS01-S730-UFCPIG-M010X	Black	1	30	3	10
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 15m - Black FTACS01-S730-UFCPIG-M015X	Black	1	30	3	15
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 1m - Black FTACS01-S730-UFCPIG-M001X	Black	1	30	3	1
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 20m - Black FTACS01-S730-UFCPIG-M020X	Black	1	30	3	20
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 30m - Black FTACS01-S730-UFCPIG-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 3m - Black FTACS01-S730-UFCPIG-M003X	Black	1	30	3	3
External Drop - 1f - A2 - 3mm - UFC-Pigtail - 5m - Black FTACS01-S730-UFCPIG-M005X	Black	1	30	3	5
External Drop - 1f - A2 - 3mm - ULC-USC - 2m - Black FTACS01-S730-ULCUSC-M002B	Black	1	30	3	2
External Drop - 1f - A2 - 3mm - ULC-USC - 65m - Black FTACS01-S730-ULCUSC-M065X	Black	1	30	3	65
External Drop - 1f - A2 - 3mm - ULC-USC - 85m - Black FTACS01-S730-ULCUSC-M085X	Black	1	30	3	85
External Drop - 1f - A2 - 3mm - USC-USC - 30m - Black FTACS01-S730-USCUSC-M030X	Black	1	30	3	30
External Drop - 1f - A2 - 3mm - USC-USC - 40m - Black FTACS01-S730-USCUSC-M040X	Black	1	30	3	40

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
External Drop - 1f - A2 - 3mm - USC-USC- 45m - Black FTACS01-S730-USC USC-M045X	Black	1	30	3	45
External Drop - 1f - A2 - 3mm - USC-USC- 50m - Black FTACS01-S730-USC USC-M050X	Black	1	30	3	50
External Drop - 1f - A2 - 3mm - USC-USC- 60m - Black FTACS01-S730-USC USC-M060X	Black	1	30	3	60
External Drop - 1f - A2 - 3mm - USC-USC- 70m - Black FTACS01-S730-USC USC-M070X	Black	1	30	3	70
External Drop - 1f - A2 - 3mm - USC-USC- 80m - Black FTACS01-S730-USC USC-M080X	Black	1	30	3	80
External Drop - 1f - A2 - 4.5mm - USC-ASC- 170m - Black DR FTACS01-S745-USCASC-M170X	Black	1	30	3	170
External Drop - 2f - 2D - 4.5mm - ULC-ULC- 80m - Black DR FTACS02-S245-ULCULC-M080X	Black	1	30	3	80