



Interconnect Patch Cords

G657A1/2, Yellow

Features

- G657A1 & G657A2 bend-resistant fiber variants for safe installations
- Compatible with G652D networks
- Halogen-free flame-retardant material (HFFR)
- Lowest insertion loss
- Various connector options

Application

The FTAC-Y series is designed to meet the standards mainly used in access and transport termination points. Ultra Polished Connectors (UPC) and Angled Polished Connectors (APC) ensures low insertion loss and minimal back reflection.

Design

The FTAC-Y series has an extended operating temperature range, -30°C to +70°C. This makes them very stable over time in various environmental conditions.

The small bend radius minimizes losses when installed or handled during installation.

The patch cords are designed with Ø 0.9 mm buffered secondary coating and have a strength member of aramid yarn. Outer jacket is made of halogen-free flame-retardant (HFFR) material giving excellent protection.

Technical Information

Product Color	Yellow
Temperature, Operation [°C]	-30 to +70
Temperature, Storage [°C]	-40 to +70
Temperature, Installation [°C]	-20 to +50
Fiber Type	G657A1;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

UL1666

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 93

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 200cm - Yellow FTACS1-SM712-ALCULC-C200Y	Yellow	1	12	1.2	2
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 180cm - Yellow FTACS1-SM712-ALCULC-C180Y	Yellow	1	12	1.2	1.8
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 160cm - Yellow FTACS1-SM712-ALCULC-C160Y	Yellow	1	12	1.2	1.6
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 140cm - Yellow FTACS1-SM712-ALCULC-C140Y	Yellow	1	12	1.2	1.4
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 120cm - Yellow FTACS1-SM712-ALCULC-C120Y	Yellow	1	12	1.2	1.2
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 100cm - Yellow FTACS1-SM712-ALCULC-C100Y	Yellow	1	12	1.2	1
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 80cm - Yellow FTACS1-SM712-ALCULC-C080Y	Yellow	1	12	1.2	0.8
Patch Cable - 1f - A1 - 1.2mm - ALC-ULC - LSZH - 60cm - Yellow FTACS1-SM712-ALCULC-C060Y	Yellow	1	12	1.2	0.6
Patch Cable - 2f - A1 - 3mm - ULC-UFC - LSZH - 25m - Yellow FTACS02-S730-ULC UFC-M025Y	Yellow	2	30	3	25
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 60m - Yellow FTACS02-S730-ASCULC-M060Y	Yellow	2	30	3	60
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 43m - Yellow FTACS02-S730-ASCULC-M043Y	Yellow	2	30	3	43

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 40m - Yellow FTACS02-S730-ASCULC-M040Y	Yellow	2	30	3	40
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 36m - Yellow FTACS02-S730-ASCULC-M036Y	Yellow	2	30	3	36
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 26m - Yellow FTACS02-S730-ASCULC-M026Y	Yellow	2	30	3	26
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 20m - Yellow FTACS02-S730-ASCULC-M020Y	Yellow	2	30	3	20
Patch Cable - 2f - A1 - 3mm - ASC-ULC - LSZH - 12m - Yellow FTACS02-S730-ASCULC-M012Y	Yellow	2	30	3	12
Patch Cable - 2f - A1 - 3mm - ASC-UFC - LSZH - 25m - Yellow FTACS02-S730-ASCUFC-M025Y	Yellow	2	30	3	25
Patch Cable - 2f - A1 - 2mm - USC-USC - LSZH - 15m - Yellow FTACS02-S720-USCUSC-M015Y	Yellow	2	20	2	15
Patch Cable - 2f - A1 - 2mm - USC-USC - LSZH - 5m - Yellow FTACS02-S720-USCUSC-M005Y	Yellow	2	20	2	5
Patch Cable - 2f - A1 - 2mm - USC-UFC - LSZH - 20m - Yellow FTACS02-S720-USCUFC-M020Y	Yellow	2	20	2	20
Patch Cable - 2f - A1 - 2mm - ULC-USC - LSZH - 5m - Yellow FTACS02-S720-ULCUSC-M005Y	Yellow	2	20	2	5
Patch Cable - 2f - A1 - 2mm - ULC-USC - LSZH - 3m - Yellow FTACS02-S720-ULCUSC-M003Y	Yellow	2	20	2	3
Patch Cable - 2f - A1 - 2mm - ULC-USC - LSZH - 2m - Yellow FTACS02-S720-ULCUSC-M002Y	Yellow	2	20	2	2
Patch Cable - 2f - A1 - 2mm - ULC-ULC - LSZH - 1m - Yellow FTACS02-S720-ULCULC-M001Y	Yellow	2	20	2	1
Patch Cable - 2f - A1 - 2mm - ULC-ASC - LSZH - 40m - Yellow FTACS02-S720-ULCASC-M040Y	Yellow	2	20	2	40
Patch Cable - 2f - A1 - 2mm - UFC-USC - LSZH - 1m - Yellow FTACS02-S720-UFCUSC-M001Y	Yellow	2	20	2	1
Patch Cable - 2f - A1 - 2mm - UFC-ULC - LSZH - 21m - Yellow FTACS02-S720-UFCULC-M021Y	Yellow	2	20	2	21
Patch Cable - 2f - A1 - 2mm - UFC-ASC - LSZH - 16m - Yellow FTACS02-S720-UFCASC-M016Y	Yellow	2	20	2	16
Patch Cable - 2f - A1 - 2mm - UFC-ASC - LSZH - 13m - Yellow FTACS02-S720-UFCASC-M013Y	Yellow	2	20	2	13
Patch Cable - 2f - A1 - 2mm - UFC-ALC - LSZH - 30m - Yellow FTACS02-S720-UFCALC-M030Y	Yellow	2	20	2	30
Patch Cable - 2f - A1 - 2mm - UFC-ALC - LSZH - 20m - Yellow FTACS02-S720-UFCALC-M020Y	Yellow	2	20	2	20
Patch Cable - 2f - A1 - 2mm - UFC-ALC - LSZH - 10m - Yellow FTACS02-S720-UFCALC-M010Y	Yellow	2	20	2	10
Patch Cable - 2f - A1 - 2mm - ASC-ASC - LSZH - 2m - Yellow FTACS02-S720-ASCASC-M002Y	Yellow	2	20	2	2
Patch Cable - 2f - 2D - 2mm - UFC-ULC - LSZH - 2m - Yellow FTACS02-S230-UFCULC-M002Y	Yellow	2	20	2	2
Patch Cable - 2f - 2D - 2mm - UFC-ASC - LSZH - 2m - Yellow FTACS02-S230-UFCASC-M002Y	Yellow	2	20	2	2

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
Patch Cable - 2f - 2D - 2mm - ULC-ULC - LSZH - 3m - Yellow FTACS02-S220-ULCULC-M003Y	Yellow	2	20	2	3
Patch Cable - 2f - 2D - 2mm - ULC-ULC - LSZH - 2m - Yellow FTACS02-S220-ULCULC-M002Y	Yellow	2	20	2	2
Patch Cable - 1f - A1 - 3mm - ULC-ALC - LSZH - 3m - Yellow FTACS01-S730-USCALC-M003Y	Yellow	1	30	3	3
Patch Cable - 1f - A1 - 3mm - ULC-ALC - LSZH - 1m - Yellow FTACS01-S730-USCALC-M001Y	Yellow	1	30	3	1
Patch Cable - 1f - A1 - 3mm - ULC-UFC - LSZH - 30m - Yellow FTACS01-S730-ULC UFC-M030Y	Yellow	1	30	3	30
Patch Cable - 1f - A1 - 3mm - ASC-ULC - LSZH - 12m - Yellow FTACS01-S730-ASCULC-M012Y	Yellow	1	30	3	12
Patch Cable - 1f - A1 - 3mm - ASC-ASC - LSZH - 2m - Yellow FTACS01-S730-ASCASC-M002Y	Yellow	1	30	3	2
Patch Cable - 1f - A1 - 2mm - USC-USC - LSZH - 15m - Yellow FTACS01-S720-USC USC-M015Y	Yellow	1	20	2	15
Patch Cable - 1f - A1 - 2mm - USC-USC - LSZH - 3m - Yellow FTACS01-S720-USC USC-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - USC-ULC - LSZH - 2m - Yellow FTACS01-S720-USCULC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - USC-ULC - LSZH - 1m - Yellow FTACS01-S720-USCULC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - USC-UE2 - LSZH - 3m - Yellow FTACS01-S720-USCUE2-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - USC-ASC - LSZH - 3m - Yellow FTACS01-S720-USCASC-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - USC-ALC - LSZH - 3m - Yellow FTACS01-S720-USCALC-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - USC-ALC - LSZH - 1m - Yellow FTACS01-S720-USCALC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ULC-USC - LSZH - 5m - Yellow FTACS01-S720-ULC USC-M005Y	Yellow	1	20	2	5
Patch Cable - 1f - A1 - 2mm - ULC-USC - LSZH - 3m - Yellow FTACS01-S720-ULC USC-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - ULC-ULC - LSZH - 2m - Yellow FTACS01-S720-ULCULC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - ULC-ULC - LSZH - 1m - Yellow FTACS01-S720-ULCULC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ULC-ULC - LSZH - 150cm - Yellow FTACS01-S720-ULCULC-C150Y	Yellow	1	20	2	1.5
Patch Cable - 1f - A1 - 2mm - ULC-Pigtail - LSZH - 3m - Yellow FTACS01-S720-ULCPIG-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - ULC-ALC - LSZH - 15m - Yellow FTACS01-S720-ULCASC-M015Y	Yellow	1	20	2	15
Patch Cable - 1f - A1 - 2mm - ULC-ALC - LSZH - 10m - Yellow FTACS01-S720-ULCASC-M010Y	Yellow	1	20	2	10
Patch Cable - 1f - A1 - 2mm - ULC-ALC - LSZH - 5m - Yellow FTACS01-S720-ULCASC-M005Y	Yellow	1	20	2	5

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
Patch Cable - 1f - A1 - 2mm - ULC-ALC - LSZH - 2m - Yellow FTACS01-S720-ULCALC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - ULC-ALC - LSZH - 250cm - Yellow FTACS01-S720-ULCALC-C250Y	Yellow	1	20	2	2.5
Patch Cable - 1f - A1 - 2mm - UFC-ULC - LSZH - 1m - Yellow FTACS01-S720-UFCULC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - UFC-UFC - LSZH - 15m - Yellow FTACS01-S720-UFCUFC-M015Y	Yellow	1	20	2	15
Patch Cable - 1f - A1 - 2mm - UFC-UFC - LSZH - 10m - Yellow FTACS01-S720-UFCUFC-M010Y	Yellow	1	20	2	10
Patch Cable - 1f - A1 - 2mm - UFC-UFC - LSZH - 5m - Yellow FTACS01-S720-UFCUFC-M005Y	Yellow	1	20	2	5
Patch Cable - 1f - A1 - 2mm - UFC-Pigtail - LSZH - 4m - Yellow FTACS01-S720-UFCPIG-M004Y	Yellow	1	20	2	4
Patch Cable - 1f - A1 - 2mm - UFC-ASC - LSZH - 1m - Yellow FTACS01-S720-UFCASC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - UFC-ASC - LSZH - 50cm - Yellow FTACS01-S720-UFCASC-C050Y	Yellow	1	20	2	0.5
Patch Cable - 1f - A1 - 2mm - UFC-ALC - LSZH - 3m - Yellow FTACS01-S720-UFCALC-M003Y	Yellow	1	20	2	3
Patch Cable - 1f - A1 - 2mm - UFC-ALC - LSZH - 1m - Yellow FTACS01-S720-UFCALC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ASC-USC - LSZH - 1m - Yellow FTACS01-S720-ASCUSC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ASC-ULC - LSZH - 10m - Yellow FTACS01-S720-ASCULC-M010Y	Yellow	1	20	2	10
Patch Cable - 1f - A1 - 2mm - ASC-ULC - LSZH - 2m - Yellow FTACS01-S720-ASCULC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - ASC-ULC - LSZH - 1m - Yellow FTACS01-S720-ASCULC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ASC-ULC - LSZH - 50cm - Yellow FTACS01-S720-ASCULC-C050Y	Yellow	1	20	2	0.5
Patch Cable - 1f - A1 - 2mm - ASC-UFC - LSZH - 1m - Yellow FTACS01-S720-ASCUFC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ASC-ASC - LSZH - 17m - Yellow FTACS01-S720-ASCASC-M017Y	Yellow	1	20	2	17
Patch Cable - 1f - A1 - 2mm - ASC-ASC - LSZH - 5m - Yellow FTACS01-S720-ASCASC-M005Y	Yellow	1	20	2	5
Patch Cable - 1f - A1 - 2mm - ASC-ASC - LSZH - 2m - Yellow FTACS01-S720-ASCASC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - ASC-ASC - LSZH - 1m - Yellow FTACS01-S720-ASCASC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ASC-ALC - LSZH - 1m - Yellow FTACS01-S720-ASCALC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ALC-ASC - LSZH - 5m - Yellow FTACS01-S720-ALCASC-M005Y	Yellow	1	20	2	5
Patch Cable - 1f - A1 - 2mm - ALC-ASC - LSZH - 3m - Yellow FTACS01-S720-ALCASC-M003Y	Yellow	1	20	2	3

Article name	Color	No. of Fibers	Bend Radius [mm]	Diameter Ø [mm]	Length [m]
Patch Cable - 1f - A1 - 2mm - ALC-ASC - LSZH - 1m - Yellow FTACS01-S720-ALCASC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 2mm - ALC-ALC - LSZH - 10m - Yellow FTACS01-S720-ALCALC-M010Y	Yellow	1	20	2	10
Patch Cable - 1f - A1 - 2mm - ALC-ALC - LSZH - 2m - Yellow FTACS01-S720-ALCALC-M002Y	Yellow	1	20	2	2
Patch Cable - 1f - A1 - 2mm - ALC-ALC - LSZH - 1m - Yellow FTACS01-S720-ALCALC-M001Y	Yellow	1	20	2	1
Patch Cable - 1f - A1 - 1.6mm - UFC-Pigtail - LSZH - 3m - Yellow FTACS01-S716-UFCPIG-M003Y	Yellow	1	16	1.6	3
Patch Cable - 1f - A1 - 1.6mm - ASC-Pigtail - LSZH - 10m - Yellow FTACS01-S716-ASCPIG-M010Y	Yellow	1	16	1.6	10
Patch Cable - 1f - A1 - 1.6mm - ASC-Pigtail - LSZH - 6m - Yellow FTACS01-S716-ASCPIG-M006Y	Yellow	1	16	1.6	6
Patch Cable - 1f - A1 - 1.6mm - ASC-Pigtail - LSZH - 5m - Yellow FTACS01-S716-ASCPIG-M005Y	Yellow	1	16	1.6	5
Patch Cable - 1f - A1 - 1.6mm - ASC-Pigtail - LSZH - 3m - Yellow FTACS01-S716-ASCPIG-M003Y	Yellow	1	16	1.6	3
Patch Cable - 1f - A1 - 1.6mm - ALC-ALC - LSZH - 2m - Yellow FTACS01-S716-ALCALC-M002Y	Yellow	1	16	1.6	2