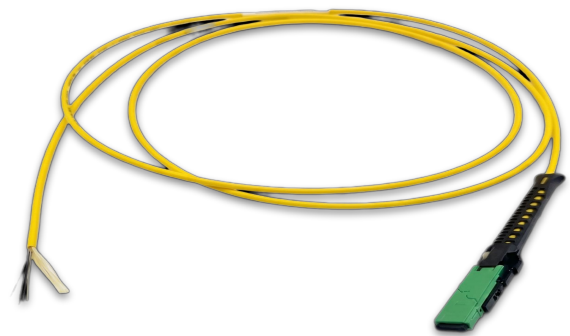




High-Density 16-Fiber IBR Pigtails



Product Details

STL 16-Fiber pre-terminated single-mode pigtails, using STL's patented Intermittently Bonded Ribbon (IBR) fibers, are designed to splice directly to Celesta Indoor/Outdoor or Indoor cables with Base-16 IBR fibers. The pigtails are pre-terminated on one end with either an MMC16 or MTP/MPO16 connector. STL's compact cable design uses G.657.A2 200 μ m colored fibers, aramid yarns, in a dry, water-blocked Riser (OFNR) jacket.

Features & Benefits:

- Ideal for use in Data Centers
- Offered in Riser (OFNR) jacket rating
- Offered standard with Single-mode G.657.A2 200 μ m fiber, enabling operation in confined spaces with tight routing and reduced bend radius.
- STL's Celesta Intermittently Bonded Ribbon (IBR) Cable's innovative bond design results in dense fiber packing and smaller cable diameter
- Supports 40-1600GB/s Ethernet and InfiniBand applications
- Offered with MMC16, MTP16 or MPO16 in both pinned and unpinned options

Product Specifications

Fiber Types	ITU-T G.657.A2 200 µm
Fiber Count	16
Jacket Colour	OS2: Yellow
Length Tolerance	Connector tip-to-blunt: 0 to 1m: +50mm/-0; 1m to 15m: +100mm/-0
Outer Jacket Material	OFNR/LSZH
Connector Housing	SM: Green
Connector Boot	Black

Optical Specifications

MMC/MPO Performance		Max IL (dB)	Min RL(dB)
Connector	Performance Level	@1310/1550nm	@1310/1550nm
SM MMC16/APC	Ultra Low Loss	≤ 0.35	≥ 65dB
SM MPO/APC	Low Loss	≤ 0.35	≥ 60dB
	Ultra Low Loss	≤ 0.30	

Optical Fiber Characteristics	
Parameter	Single-Mode Fiber
Fiber Type	ITU-T G.657.A2 200 µm
Operating Wavelengths (nm)	1310/1383/ 1550
Maximum Attenuation (dB/km)	0.4 /0.4 / 0.3

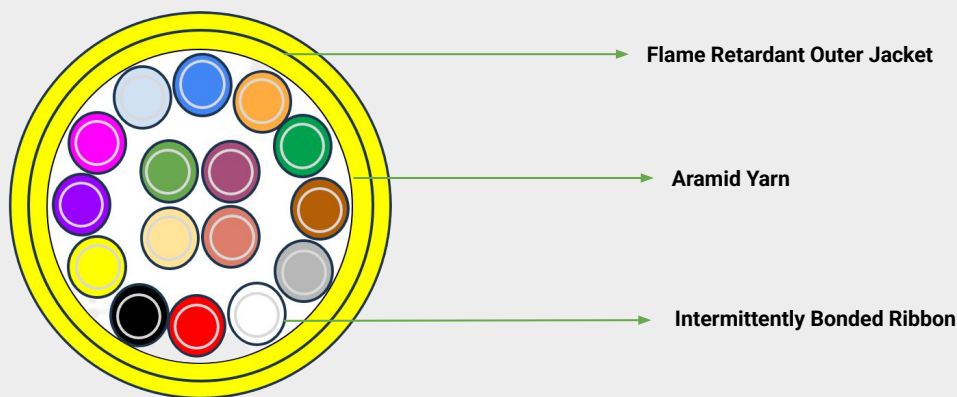
Mechanical Specifications

Cable Mechanical & Environmental Characteristics		
Cable Characteristics	Cable Performance	Testing Standard Method
Tensile Strength (N)	100 N*	ICEA 596 FOTP-33
Crush	350 N/100mm	ICEA 596 FOTP-41
Impact	0.74 Nm	ICEA 596 FOTP-25
Torsion	± 180°c, 4 Kg, 10 Cycles, 1 m	ICEA 596 FOTP-35
Cable Bend Radius - Long Term / Static	10 x Cable OD (outer diameter)	ICEA 596 FOTP-88
Cable Bend Radius - Short Term / Dynamic	15 x Cable OD (outer diameter)	ICEA 596 FOTP-88
Temperature Performance		ICEA 596 FOTP-3
Installation	0° C to +60° C	
Operation	-10° C to +60° C	
Storage	-40° C to +75° C	

For additional information please contact your sales representative.

You can also visit our website at www.stl.tech

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall be only set forth in STL standard terms and conditions of the sale and in no case, STL be liable for any incidental, indirect or consequential damages arising out of sale, resale, use or misuse of the product. Users of STL products should make their own evaluation to determine the suitability of such each product for the specific application.

Fibers Color Sequence ¹

Blue	Orange	Green	Brown	Grey	White	Red	Black	Yellow	Violet	Pink	Aqua
Olive	Magenta	Tan	Lime								

¹ Optical Fiber Color Coding (No Stripe, Solid Colors) (As Per TIA-598 D).

Mechanical Characteristics

Fiber Count	Cable Nominal OD mm(inches)	Min Bend Radius -Long Term mm (inches)	Min Bend Radius-Short Term mm (inches)	Cable Weight Kg/km (lbs/Kft)
16	2.3 (0.09)	23 (0.9)	35 (1.35)	4.0 (0.002)

Connector Options



MMC16



MPO16



MTP16

Fibers and Cable Performance Standards

- Cable assemblies comply to the following standards: IEC 60793, IEC 60794, ANSI/ICEA S-83-596, ITU-T, RoHS, REACH, EIA/TIA-598C
- UL 1651/1666 Standards:
- OFNR - Optical Fiber Non-Conductive Riser

**Images generated by AI*

For additional information please contact your sales representative.

You can also visit our website at www.stl.tech

01/082026

Part Numbers- MMC16 Pigtails

Connector Type	Part Number (m)	Part Number (ft)
MMC16 Pinned	ACJ6CRA25UTLMXXX	ACJ6CRA25UTLFXXX
MMC16 Unpinned	ACJ6CRA26UTLMXXX	ACJ6CRA26UTLFXXX

Part Numbers- MTP16 Pigtails

Connector Type	Part Number (m)	Part Number (ft)
MTP16 Pinned	ACJ6CRA15UTLMXXX	ACJ6CRA15UTLFXXX
MTP16 Unpinned	ACJ6CRA16UTLMXXX	ACJ6CRA16UTLFXXX

Part Numbers- MPO16 Pigtails

Connector Type	Part Number (m)	Part Number (ft)
MPO16 Pinned	ACJ6CRA31UTLMXXX	ACJ6CRA31UTLFXXX
MPO16 Unpinned	ACJ6CRA32UTLMXXX	ACJ6CRA32UTLFXXX

Note: XXX= length in meters. Maximum Length of 10 meters recommended

For additional information please contact your sales representative.

You can also visit our website at www.stl.tech

The information given herein, including drawings, illustrations and schematics are intended for illustration purposes only and is believed to be reliable. However, STL makes no warranties to its accuracy or completeness and disclaims any liability in connection with its use. STL obligations shall be only set forth in STL standard terms and conditions of the sale and in no case, STL be liable for any incidental, indirect or consequential damages arising out of sale, resale, use or misuse of the product. Users of STL products should make their own evaluation to determine the suitability of such each product for the specific application.

01/082026