

JV-H Pigtail Tight Buffer Cable

Single LSZH Jacket Indoor Fiber Optic Pigtail

JV-H Pigtail is a single-fiber indoor tight buffer cable designed for direct termination, jumper links and patching points where compact size, clean stripping and LSZH fire behavior are required. The structure places a 250 μm color-coated optical fiber inside a 900 μm halogen-free tight buffer jacket for controlled indoor handling.



CORE PRODUCT DATA

Cable family	Indoor tight buffer pigtail cable
Code designation	JV-H Pigtail
Fiber count	1 optical fiber
Buffer / jacket	900 μm LSZH / HFFR tight buffer
Fiber options	SM 9/125, MM 50/125, MM 62.5/125
Typical route	Indoor pigtail, patchcord, jumper and direct termination points

1

Easy to Strip

900 μm tight buffer supports fast and clean stripping before connectorization.

2

Direct Termination

Designed for one-end connector assembly, patching and jumper connections.

3

Low Install Cost

Dry, compact single-fiber design keeps indoor routing simple and economical.

4

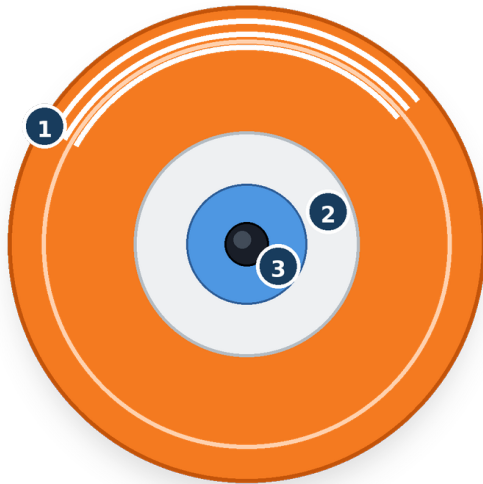
Halogen-Free

LSZH/HFFR jacket supports safer indoor installation behavior.

For project quotation, confirm fiber type, jacket color, length, connector/polish if required, CPR/DoP documentation need and final packing format. Technical values are subject to production confirmation.

Numbered Cable Cross Section

JV-H Pigtail - single-fiber indoor tight buffer pigtail structure



Component legend

- 1** 900 μm LSZH / HFFR tight buffer jacket
Compact outer jacket for indoor protection and direct termination handling.
- 2** 250 μm coated optical fiber
Color-coded optical fiber coating inside the tight buffer.
- 3** 9 / 50 / 62.5 μm optical fiber core
Single-mode or multimode fiber option according to project requirement.

Layer order
outside to inside



The graphic is simplified for technical identification. The real construction is a 250 μm color-coated optical fiber placed inside a 900 μm LSZH/HFFR tight buffer jacket for pigtail-focused indoor routing and connector termination.

Technical Construction and Performance

Construction values for JV-H Pigtail indoor tight buffer cable

Item	Specification	Function / note
Fiber count	1 optical fiber	Single-fiber pigtail and jumper connection use
Optical fiber core	9 / 50 / 62.5 μm optical fiber options	Single-mode or multimode transmission path
Coated fiber	250 μm optical fiber coating and color	Fiber identification and primary handling layer
Tight buffer jacket	900 μm \pm 50 LSZH / HFFR sheath	Indoor protection, easy stripping and direct connector termination
Cable design	Dry, all dielectric construction	Clean handling without gel; no metallic element
Outer jacket colors	Orange (MM62) / Blue (MM50) / Yellow (SM)	Color selected according to fiber type
Approx. weight	0.9 kg/km	Lightweight indoor routing
Maximum length	Up to 8000 m	Subject to final production and packing confirmation

1

Termination Ready

900 μm tight buffer allows practical connector assembly on one cable end.

2

Indoor LSZH Route

Halogen-free jacket supports indoor telecom rooms, data networks and patching areas.

3

Compact Single Fiber

Simple one-fiber construction keeps routing easy in tight internal paths.

Application scope

Indoor interconnect and patchcord applications; pigtail and jumper connections; telecom rooms; data network cabinets; structured cabling areas; compact FTTx termination points where clean handling and LSZH behavior are required.

Mechanical and Environmental Characteristics

Performance data organized for indoor routing and termination planning

Parameter	Value	Method / note
Outer diameter	900 μm \pm 50	Tight buffer diameter
Tensile load	10 N	Permissible / installation load as specified
Minimum bending radius	20 x outer diameter	IEC 60794-1-2 E11
Temperature range	-10 °C to +60 °C	IEC 60794-1-2 F1
Approx. weight	0.9 kg/km	Lightweight indoor cable
Maximum length	8000 m	Subject to packing and production confirmation

Fiber type	Jacket color	Typical use
Single-mode 9/125	Yellow	Telecom, FTTx and long-link pigtail connections
Multimode 50/125	Blue	Indoor data network and equipment connections
Multimode 62.5/125	Orange	Legacy multimode indoor interconnect routes

Standards and compliance

- EN DIN VDE 0888 Part 2
- IEC 61034
- IEC 60332-1
- IEC 60754-2
- IEC 60794-1-2 F1 / E11

Route note

JV-H Pigtail is an indoor cable. It is not intended as an outdoor route cable. For outdoor, duct, armored or water-blocked routes, select a suitable loose tube or armored fiber optic cable family.

Identification, Marking and Ordering Logic

Standard quotation inputs for JV-H Pigtail cable variants

Field	Specification
Product / code designation	JV-H Pigtail
Standard inscription	UPCOM JV-H PIGTAIL <fiber type> <year> <meter marking> - final text to be confirmed before production
Outer jacket color	Yellow for SM, blue for MM50, orange for MM62.5 unless otherwise requested
Construction reference	900 µm LSZH/HFFR tight buffer around 250 µm color-coated optical fiber
Connector option	If supplied as connectorized pigtail, confirm connector type and polish: SC, LC, ST, FC; UPC or APC
Packing / length	Confirm length, packing quantity and labeling requirements per project

RFQ input	Why it matters
Fiber type: SM 9/125, MM50 or MM62.5	Defines optical compatibility and jacket color
Length and packing format	Controls packing, cutting and project handling
Connector type and polish, if required	Required when supplied as pre-terminated pigtail
Fire / compliance document need	Defines whether project-specific DoP/CPR or compliance documents are required
Marking text and label format	Avoids mismatch between cable marking, packing label and project documentation

Project confirmation note

For quotation and production, confirm fiber type, length, connector requirement, color, packing and final marking. Technical values are subject to final production confirmation and applicable project requirements.

www.upcom.com.tr/products/cables/jv-h-pigtail/