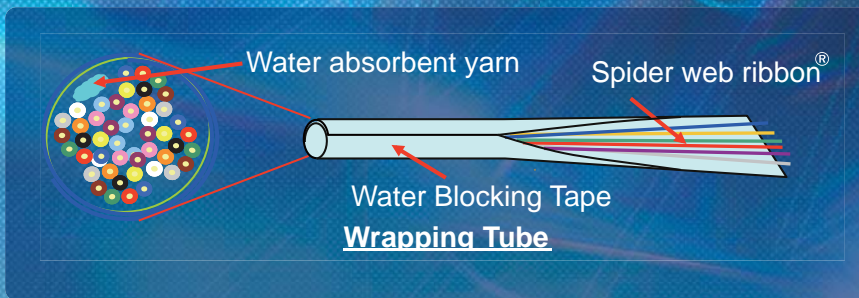


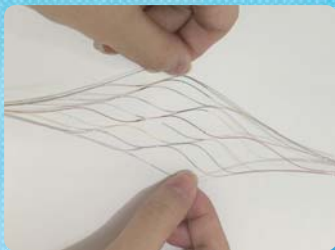
# Wrapping Tube Cable with Spider Web Ribbon®

288-1728F Ribbon Full Dry Central Core Cable

Fujikura has developed industry-changing ribbonized optical fiber product called Spider Web Ribbon (SWR). This product allows 12 fiber mass fusion splicing as well as drastically reduces cable outer diameter and weight. Applying SWR, totally unique features of optical cable called wrapping tube cable (WTC) are now released for 288 - 1728 fibers inside. In addition to 12 fiber mass fusion splicing, WTC's jelly-free central fiber core construction significantly reduces cable deployment time by allowing easy access to fibers and eliminating jelly cleaning time.



## Spider Web Ribbon® with Ringmarking




Ripcords

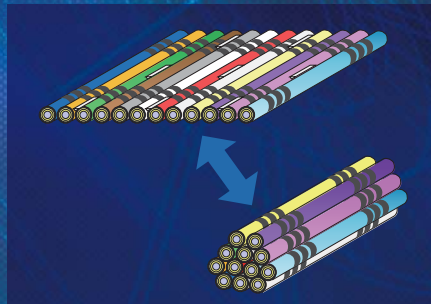
Strength Member (Glass FRP)

Bundle Unit by Bunching Tape

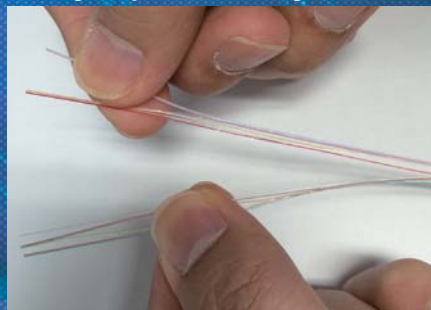
- Applying Spider Web Ribbon
- 12 fiber mass fusion splicing
- Easy separation into single fibers by hand
- Easy identification of ribbons and fibers
- Full dry cable
- Easy and quick access to fibers
- Smallest cable diameter & lightest weight in the world
- Long cable length / drum

## Features

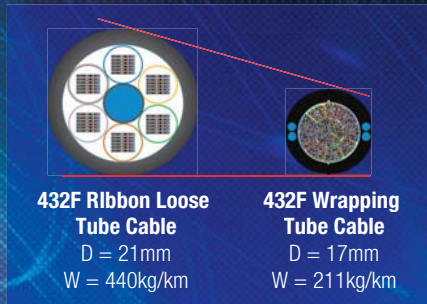
### Spider Web Ribbon



### Easily separatable by hand



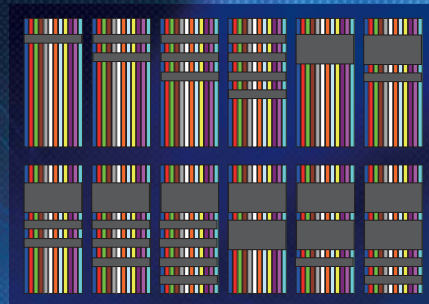
### High Fiber Packing Density



**432F Ribbon Loose Tube Cable**  
D = 21mm  
W = 440kg/km

**432F Wrapping Tube Cable**  
D = 17mm  
W = 211kg/km

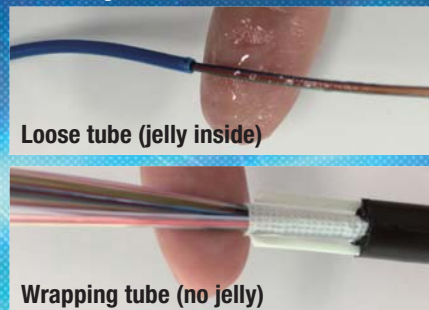
### Stripe Ring Marking



### 12F mass fusion splicing



### Full Dry Structure



## Specification

Item		Specification						
Optical Fibers		ITU-T G652.D and G.657A1						
Reference Standard		IEC60794-3-10						
Cable Type		288	432	576	720	864	1152	1728
Cable diameter (mm)		11.5	13.0	14.5	15.7	16.9	18.3	21.8
Cable weight (kg/km)		110	125	155	182	211	239	343
Tensile strength (N)	Installation	2700						
	Permanent	810						
Minimum bending radius (mm)	Repeated Bending	115	130	145	157	169	183	218
	Cable Bend	173	195	218	236	254	275	327
Crush (N/100mm)		1500					2200	
Impact (Nm)		10						
Installation Temperature (°C)		-30 to +70						
Operation Temperature (°C)		-30 to +70						
Storage & Transportation Temperature (°C)		-30 to +70						
Water Penetration		No water detected at unsealed end						

\* Specification may change without prior notice

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