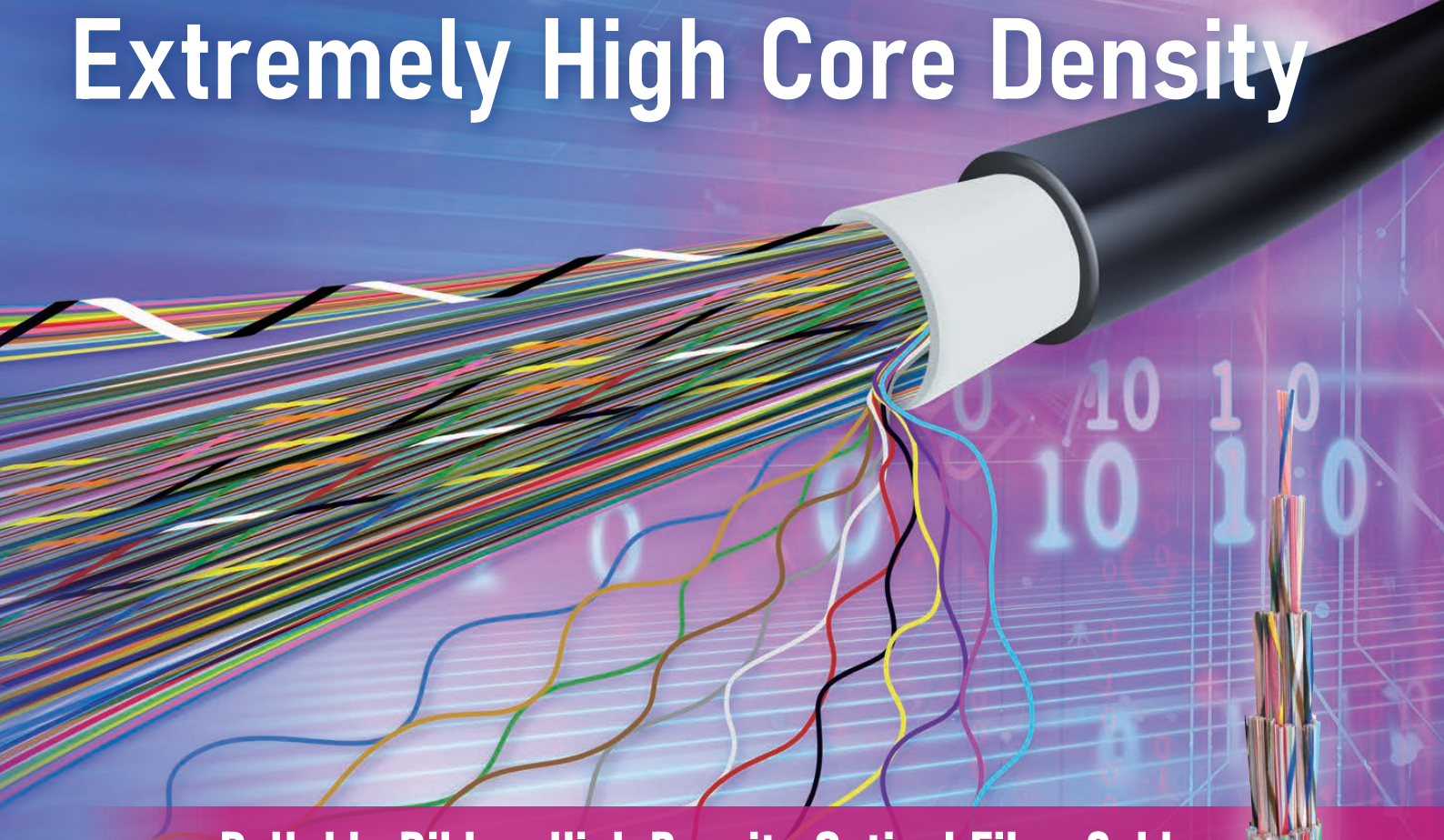


Ultra-Slim Cable with Extremely High Core Density



Rollable Ribbon High Density Optical Fiber Cable

- ▶ Ultra-slim cable
- ▶ Up to 6912 fiber count
- ▶ Extremely high core density
- ▶ Central core structure



Advantages

■ Proven track record

Furukawa Electric has a proven track record in providing ultra slim cables with extremely high core density for high fiber count applications. 6912F OSP cable stands out with its compact 29 mm diameter and a remarkable core density of 10.5 cores/mm².

■ Space saving

High density optical fiber cables provide maximum capacity in limited space. Furukawa Electric has achieved the world's first installation of the 6912F cable into a 1.25 inch diameter conduit.

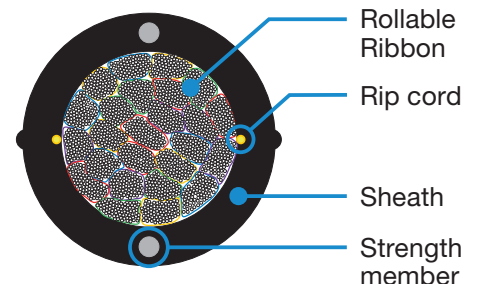
■ Opportunities for installation time and total cost saving

■ Long cable length per reel reduces splice points

■ Outdoor/Indoor cable (UL type/CPR type) available

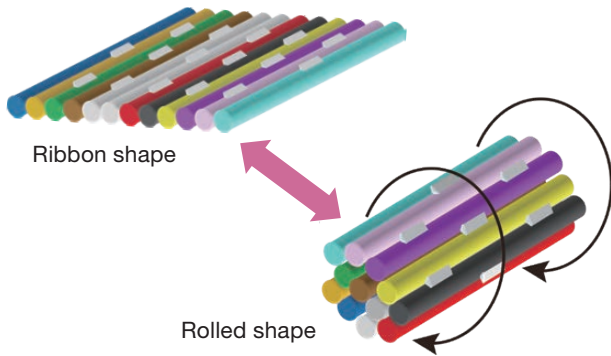
■ Blowing installation cable type available

Central core structure

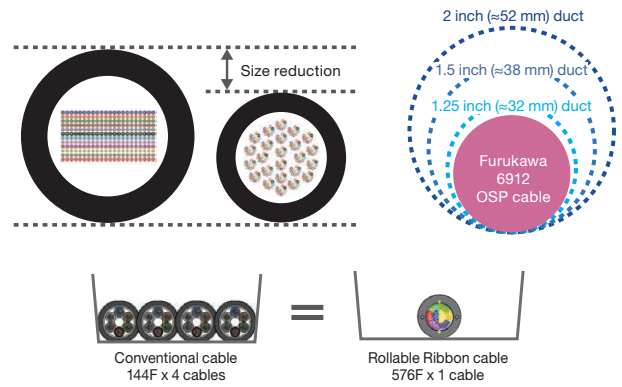


Rollable Ribbon Technology

Flexible fiber unit structure



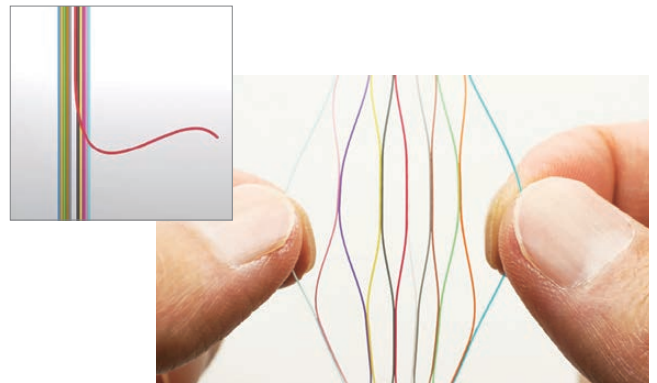
Size reduction



Mass fusion splice



Easy to split to single fibers



Specification

Application	OSP (Outside plant)			OSP (Outside plant) Blown installable			Outdoor/Indoor UL rated			Outdoor/Indoor CPR rated		
	1728	3456	6912	1728	3456	6912	1728	3456	6912	1728	3456	6912
Fiber count	1728	3456	6912	1728	3456	6912	1728	3456	6912	1728	3456	6912
Optical fiber	ITU-T G.652.D and ITU-T G.657.A1											
Outer diameter [mm]	19.5	23.5	29	20.5	25	31.5	19.5	24	31	18.5	25	33.5
Weight [kg/km]	290	400	640	310	460	710	380	540	920	330	580	1040
Flame retardant	-	-	-	-	-	-	UL1666	UL1666	UL1666	B2ca-s1b, d0, a1	Cca-s1b, d0, a1	B2ca-s1b, d0, a1

The above cables use 200 μ m fiber Rollable Ribbons.
Other fiber count Rollable Ribbon cables are also available.

FURUKAWA ELECTRIC CO., LTD.

Head Office: Tokiwabashi Tower, 6-4 Otemachi 2-chome, Chiyoda-ku,
Tokyo 100-8322 Japan

Contact us for inquiries

<https://www.furukawa.co.jp/srm/form/index.php?id=enfttx>

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