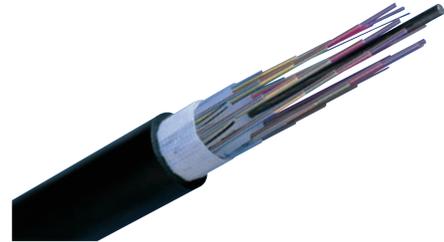


SZ-Slotted Core Cable

SZ-slotted core cable is designed for feeder cable in underground duct application and/or Mid-Span Access (mid-span cable branch), realizing the ease of FTTx network construction. Either 4-fiber or 8-fiber ribbons are accommodated into the grooves, reducing the splicing time during the installation.

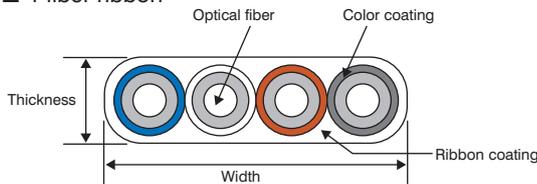


Features and Benefits

- **Easy mid-span access**
- **High density fiber count** - Up to 800-fiber counts are available
- **Mass fusion splice** - Reduces the splicing time
- **Totally dry core structure** enhances the installation workability
- Proven slotted core design provides outstanding optical fiber protection
- Available with full range of fiber types
- Cable structure is customizable upon the request

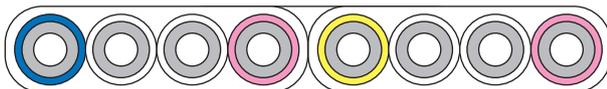
Cross Sectional View of Fiber Ribbon

4-fiber ribbon



Item	4-fiber ribbon	8-fiber ribbon
Optical fiber count	4	8
Ribbon coating (μm)	Material	UV curable acrylate
	Width	2100±100
	Thickness	320±50
Identification	Color coating	

8-fiber ribbon



Specification

Item	Specification							
	4-fiber ribbon					8-fiber ribbon		
Fiber ribbon type								
Fiber count	4-24	28-60	64-100	104-200	204-300	304-400	408-640	648-800
Outer diameter (mm)	9	10.5	13	16.5	21	20.5	23	28.5
Weight (kg/km)	65	80	115	185	305	260	360	510
Maximum pulling tension (N)	630	820	1290	1710	2180	2180	3690	3690
Minimum bending radius (mm)	90	105	130	165	210	205	230	285

* This is typical specification. Furukawa Electric reserves the right to improve, enhance and modify the specification of these products without prior notification.

Fundamental Construction

Cable core structure



The ribbon is easily taken off from the slotted core at the any point of the network (mid-span access).

Example of cross sectional view

