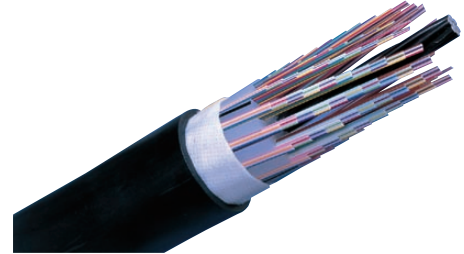


# S-Slotted Core Cable

Helical (S) slotted core cable is designed for feeder cable in underground duct application.

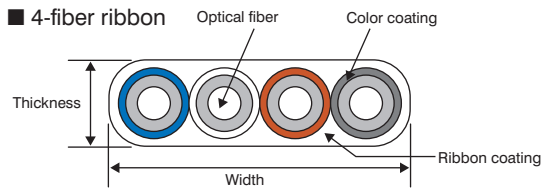
Either 4-fiber or 8-fiber ribbons are accommodated into the grooves, reducing the splicing time during the installation.



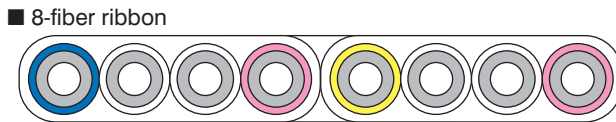
## Features and Benefits

- **High density fiber count** - Up to 1000-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



Item	4-fiber ribbon	8-fiber ribbon
Fiber count	4	8
Ribbon coating (μm)	Material	UV curable acrylate
	Width	1100±100
	Thickness	320±50
Identification	Color coating	



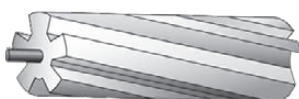
## Specification

Item	Specification									
	4-fiber ribbon							8-fiber ribbon		
Fiber ribbon type	4-20	24-40	44-60	64-100	104-160	164-200	204-300	304-400	408-600	608-1000
Outer diameter (mm)	8.9	9.5	10.5	11.5	14	15.5	19	19.5	22.5	28
Weight (kg/km)	75	85	100	120	170	195	290	290	400	580
Maximum pulling tension (N)	1290	1290	1710	1710	2180	2180	2180	2180	2710	2710
Minimum bending radius (mm)	89	95	105	115	140	155	190	195	225	290

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

## Fundamental Construction

Structure of Core



Example of cross sectional view

