

Loose Tube Cable

Innovative loose tube cable designs from Furukawa Electric fulfill the need for every situation, and provide excellent performance. Our complete portfolio offers cables with increased fiber density and easy deployment for a wide range of installations, including duct, aerial (Lashed and self-supporting), and direct buried.

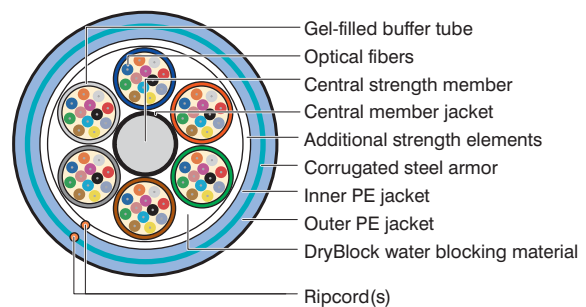
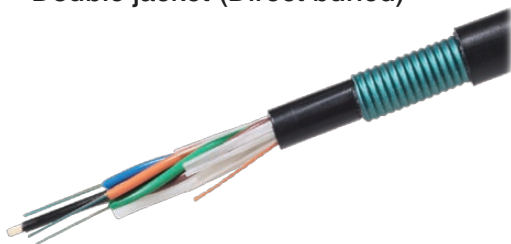
Features and Benefits

- Time proven technologies with a proven history
- Available with full range of fiber types
- Fulfilling the needs for every situation (Duct, aerial, direct buried, and indoor application)
- Dry core technology for a more craft-friendly, jelly-free cable core, resulting easy of handling
- Available for metallic or non-metallic central strength member
- Proven loose tube design provides outstanding optical fiber protection
- Armored structure provides outstanding mechanical strength and enhanced rodent protection
- Ripcord allows easy jacket removal

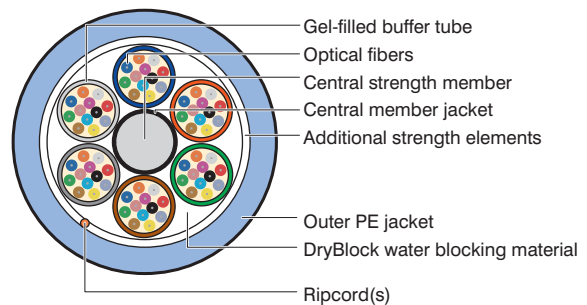
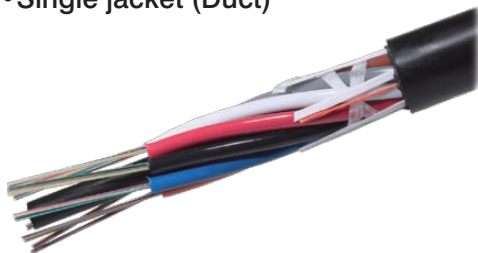
Construction

Underground cable

• Double jacket (Direct buried)

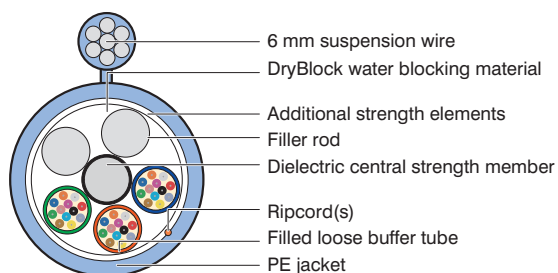


• Single jacket (Duct)

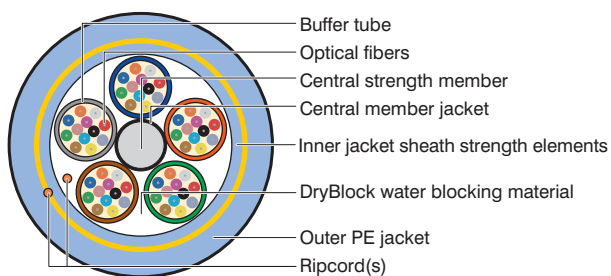
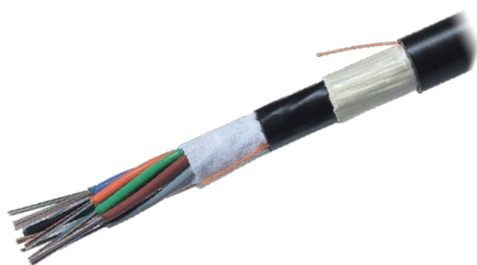


Aerial cable

• Figure 8



• ADSS



Specification

Item		Specification for underground cable							
Fiber count		2-60	61-72	73-96	97-120	121-144	145-216	217-240	241-288
Outer diameter (mm)	Double jacket	12.9	13.6	15.3	17.0	18.6	18.3	19.1	20.9
	Single jacket type	10.1	10.7	12.5	14.1	15.7	15.4	16.2	18.0
Weight (kg/km)	Double jacket	162	182	223	280	318	306	351	388
	Single jacket type	77	88	116	149	186	173	195	234
Maximum pulling tension (N)		2700							
Minimum bending radius (mm)	Double jacket	129	136	153	170	186	183	191	209
	Single jacket type	101	107	125	141	157	154	162	180

Item		Specification for aerial cable		
Fiber count	Figure 8	2-60	62-72	74-96
	ADSS	2-30	31-288	
Outer diameter (mm)	Figure 8	11×20.3	12.2×24	14×25.9
	ADSS	Based on maximum pulling tension		
Weight (kg/km)	Figure 8	209	226	250
	ADSS	Based on maximum pulling tension		
Maximum pulling tension (N)	Figure 8	2700		
	ADSS	Based on customer's requirement		
Minimum bending radius (mm)	Figure 8	203	240	259
	ADSS	10×cable diameter		

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