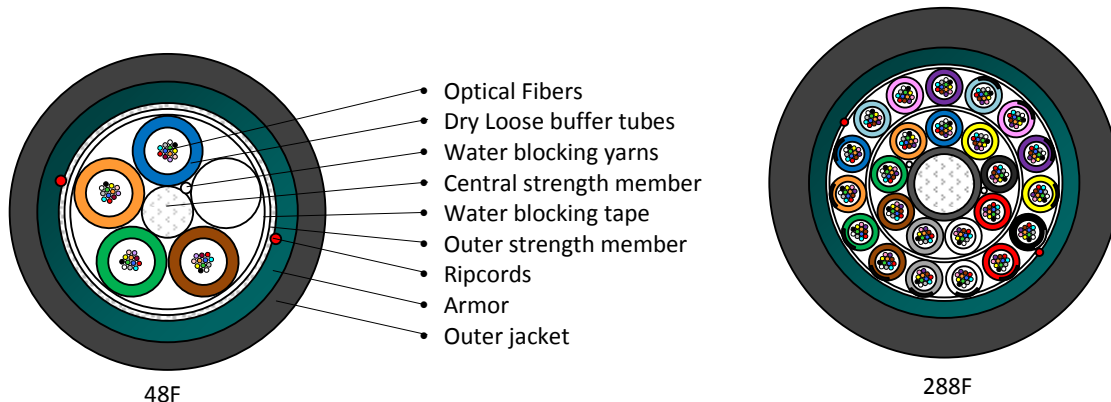


LT-SJSA CABLE (OUTDOOR)



48F

288F

- Drawings are not to Scale -

CONSTRUCTION				
Fiber	ITU-T G.657A1&2 / G.652D (OS2)	Fiber & Tube color code (TIA/EIA-598)	1) Blue 2) Orange 3) Green 4) Brown	
Fiber/tube count	12F per tube		5) Slate 6) White 7) Red 8) Black	
Buffer	PP Dry loose tube (Flexible Tube) Nom. OD : 2.5 mm		9) Yellow 10) Violet 11) Pink 12) Aqua	
Filler	PP or PE rods (if necessary)		※ Tubes No. 13 to 24 have an additional black or white stripe on the color with No. 1 to 12.	
Central member	FRP (with PE coating if necessary)	Cable Dimension		
Water blocking material	Water blocking yarn	Fiber counts	Diameter (mm)	Approx. Weight(kg/km)
Core wrap	Water blocking tape	12~60	12.0 ± 0.5	129
Outer strength member	Glass yarn (if necessary)	~72	12.4 ± 0.5	136
Ripcord	Two ripcords	~96	14.1 ± 0.5	168
Armor	Corrugated steel tape	~144	17.9 ± 0.5	258
Outer Jacket	Black HDPE	~216	18.2 ± 0.5	242
	Thickness: Nom.1.3 or 1.5mm	~288	20.7 ± 0.5	305

OPTICAL SPECIFICATION		MECHANICAL & ENVIRONMENTAL	
Wavelength	Max. Attenuation	Min. Bend Radius (Installed)	10x Cable OD
1310nm	0.35 dB/km	Min. Bend Radius (Installing)	20x Cable OD
1383nm	0.35 dB/km	Operation	-40 ~ 70°C
1550nm	0.25 dB/km	Temperature Storage & Shipping	-40 ~ 75°C
PMDq	Max. 0.2	Installation	-30 ~ 60°C
The above optical specifications meet or exceed the requirements of TIA/EIA-568D, TIA/EIA-492-CCAB, Gigabit Ethernet and ATM applications. Fiber conforms to ITU G.657A and G.652D.		Tensile Strength (Long term)	810 N
		Tensile Strength (Short term)	2,700 N
		Compressive Loading (Long term)	110N/cm for 10mins
		Compressive Loading (Short term)	220N/cm for 1min
Compliant to	Telcordia GR-20, ICEA S-87-640		