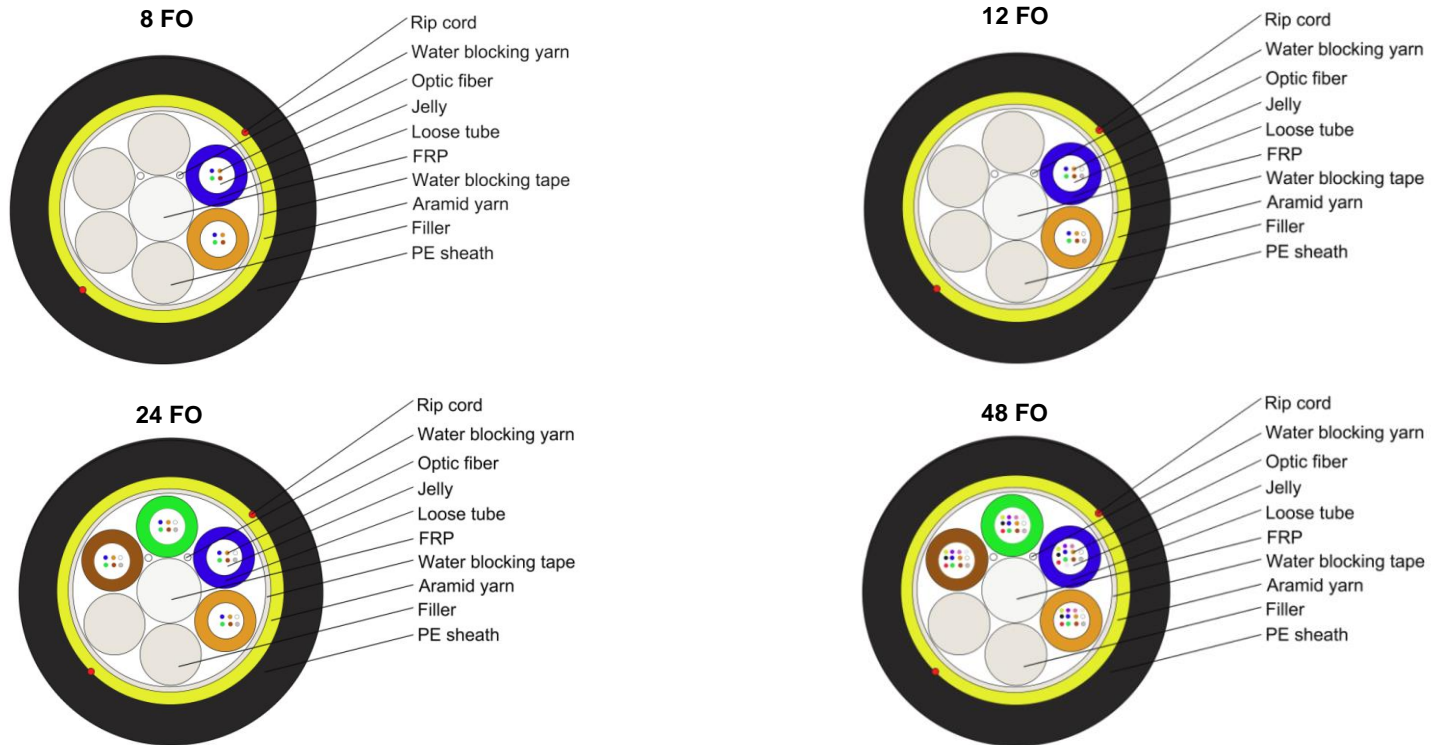


ADSS SPAN 80/100/200M 8/12/24/48 FO

1. CROSS SECTION



2. CABLE PARAMETERS

Item		8 FO	12 FO	24 FO	48 FO
Fiber type		G652D	G652D	G652D	G652D
Fiber count		8	12	24	48
Structure		1+6	1+6	1+6	1+6
Loose tube	Material	PBT	PBT	PBT	PBT
	Outer diameter	2.2±0.05 mm	2.2±0.05 mm	2.2±0.05 mm	2.2±0.05 mm
	Thickness	≥0.3 mm	≥0.3 mm	≥0.3 mm	≥0.3 mm
	Filler	Jelly	Jelly	Jelly	Jelly
	Fiber count/tube	4	6	6	12
Filler	Number	2	2	2	4
	Material	Plastic rod	Plastic rod	Plastic rod	Plastic rod
	Outer diameter	2.2mm	2.2mm	2.2mm	2.2mm
	Color	Natural	Natural	Natural	Natural
Standing	Material	FRP	FRP	FRP	FRP
	Outer diameter	2.3mm	2.3mm	2.3mm	2.3mm
Strength member	Material	Aramid yarn KEVLAR	Aramid yarn KEVLAR	Aramid yarn KEVLAR	Aramid yarn KEVLAR
Water resistance	Material	Water blocking tape	Water blocking tape	Water blocking tape	Water blocking tape
		Water blocking yarn	Water blocking yarn	Water blocking yarn	Water blocking yarn
Ripcord	Material	Plastic thread	Plastic thread	Plastic thread	Plastic thread
	Number	2	2	2	2
Out sheath	Material	UV-Proof, black, PE	UV-Proof, black, PE	UV-Proof, black, PE	UV-Proof, black, PE
	Thickness	≥1.7 mm	≥1.7 mm	≥1.7 mm	≥1.7 mm
Cable outer diameter		10.8±0.3 mm	10.8±0.3 mm	10.8±0.3 mm	10.8±0.3 mm
Cable weight		90±5kg/km	90±5kg/km	90±5kg/km	92±5kg/km



TECHNICAL SPECIFICATIONS



Note:

No	1	2	3	4	5	6	7	8	9	10	11	12
Fiber color	blue	orange	green	brown	gray	white	red	black	yellow	purple	pink	aqua
Tube color	blue	orange	green	brown	gray	white	red	black	yellow	purple	pink	aqua

3. FIBER CHARACTERISTICS G652D

Description	Specifications	
Attenuation	@ 1310 nm	< 0.35 dB/KM
	@ 1550 nm	< 0.22 dB/KM
Cladding Diameter	125±0.7 µm	
Cladding Non-Circularity	< 0.8 %	
Mode Field Diameter	@ 1310 nm	9.2±0.4 µm
Cable Cutoff Wavelength(λ _{cc})	< 1260 nm	
Attenuation vs. Wavelength	≤ 0.05 dB/km	
Zero Dispersion Wavelength (nm)	1300nm-1324nm	
Zero Dispersion Slope	≤0.092 ps/nm ² .km	

4.FIBER CABLE PHYSICAL CHARACTERISTICS

Serial No.	Item	Requirement
1	Allowable crush resistance (N)	1000N /10cm
2	Operation temperature	-25 ° C +65° C