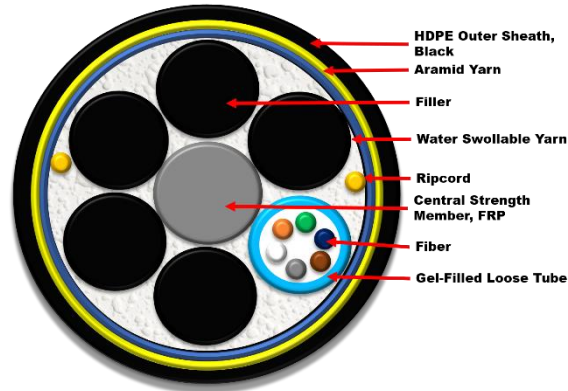


# ADSS-09G652XXX-SJ150-IN



All-media Self-supporting, MDPE Single Sheath, Multi Loose Design, ADSS Optical Cable



All dielectric self-supporting aerial optic cable containing up to 144 LWP-SMF in full compliance with ITU-T G 652D. The offered cables are fully compliant to the relevant IEC specifications. It features an FRP rod as a strength member, with fully filled and S-Z (dry-type, filled with swellable yarn and tape) stranded buffer tubes.

## Features:

Specification							
Fiber Count	6	12	24	48	96	144	
Number of Fibers in Each Micro Module	6			12			
Number of Buffer Tubers in Each Cable	1+5	1+5	2+4	4+2	8	12	
Cable Diameter (mm)	10.3	10.3	10.3	10.4	12.8	15	
Tolerance ± (mm)	0.5	0.5	0.5	0.5	0.5	0.5	
Nominal Cable Weight (kg/km)	80	80	80	85	115	175	
Standard Length (meters)	4000± 5%						
Testing							
Test	Standard	Product Performance					
Temperature Range (°C)	[IEC 60794-1-2-F1]	Operation: -40 °C to 70 °C Installation: -5 °C to 45 °C Storage: -40 °C to 70 °C					
Cable Bending Radius (mm)	[IEC 60794-1-2-E11 A&B]	206	206	208	256	256	300
Kink Resistance (mm)	[IEC 60794-1-2-E10]	103	103	104	128	128	150
Tensile Force (N)	[IEC 60794-1-2-E1]	3200	3200	3200	3200	3900	4500
Impact Resistance(Nm)	[IEC 60794-1-2-E4]	5	5	5	5	5	5
Crush Resistance(N)	[IEC 60794-1-2-E3]	2000	2000	2000	2000	2000	2000
Torsion Resistance	[IEC 60794-1-2-E7]	10 Cycle, ± 180°, L=100N					
Water Penetration	[IEC 60794-1-2-F5 B]	1 Meter Water Head, 3 Meters Cable Sample, 168 Hours					
Note: after the test, change in attenuation shall be ≤ 0.05 dB/Km. No fiber break & damage or crack on the cable							

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Fiber Type		Attenuation Coefficient (dB/km)				PMD Ps/sqrt.km	Cable Cut-off Nm	MFD $\mu\text{m}$
		850	1300	1310	1550			
Single Mode	G.652D	-	-	$\leq 0.36$	$\leq 0.23$	$\leq 0.2$	$\leq 1260$	$9.2 \pm 0.4$
Single Mode	G.657A1	-	-	$\leq 0.36$	$\leq 0.23$	$\leq 0.2$	$\leq 1260$	$8.8 \pm 0.4$
Multi-Mode	50 microns							

Fiber/Tube Identification/ Buffer Tube Color											
1	2	3	4	5	6	7	8	9	10	11	12

