

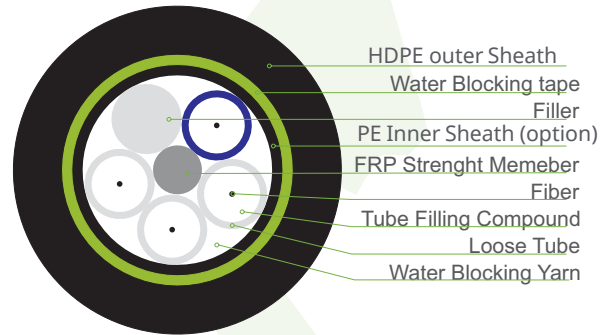
PRODUCT DATA SHEET

All Dielectric Self-supporting Aerial Cable (ADSS)



Introduction

In the Nitrotel ADSS cable, single-mode/multimode fibers are positioned in the loose tubes, which are made of high modulus plastic materials, while the loose tubes strand together around non-metallic central strength member (FRP) into a compact and circular cable core. The loose tubes are filled with filling compound, while water-blocking materials are distributed into interstices of the cable core. Then, the cable is completed with a HDPE outer sheath.



Fiber color code

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

Fiber color in each tube starts from No. 1 Blue.

Color codes for loose tube & filler rod

1	2	3	4	5	6	7	8	9	10	11	12
Blue	Orange	Green	Brown	Gray	White	Red	Black	Yellow	Violet	Pink	Aqua

Tube color in each layer starts from No. 1 Blue. If there are fillers, the color is nature.

Span (No ice, max wind speed 25m/s): 80, 100, 120, 150, 200, 300 and 400 m
 MAT: 1,850 N to 15,000 N
 Number of Fibers: 6, 12, 24, 48, 72, 96, 144, 288
 Cable Diameters: 9.5 mm to 18 mm
 Glasses. SM:G652D,SM5:G655, Option MM

Remarks: Cables up to 120 m span single jacket
 Cables more 150 m span double jacket

Other configurations available under request

Examples

NT-ADSS-SM-100M-24S
 Span: 100m
 24 Fibers SM G652D
 MAT: 2,950 N
 Cable diameter: 10.0 mm
 Single jacket

NT-ADSS-SM5-200M-48S
 Span: 200m
 48 Fibers SM G655
 MAT: 8,000 N
 Cable diameter: 13.2 mm
 Double Jacket

Order Information (Part Number)

NT-ADSS-SM-XXM-XX

SPAN		Fiber Count
100	120	06
150	200	12
300	400	24
		36
		48
		72
		96
		144
		288

