

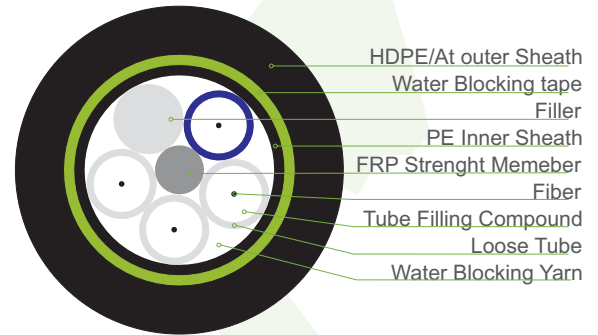
## PRODUCT DATA SHEET

## 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 (GFRP) 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  
 Cable Diameters: 9.5 mm to 18 mm  
 Glasses. SM: G652D, G655

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-SM-200M-48S5

Span: 200m

48 Fibers SM G655

MAT: 8,000 N

Cable diameter: 13.2 mm

Double Jacket