

# Fiber Optic Cable



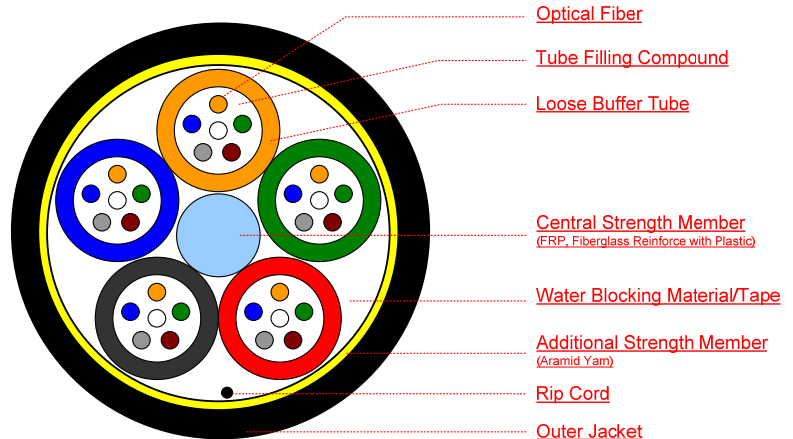
## OUTDOOR ADSS, 6-30 CORES All Dielectric Self Support, 9/125 $\mu\text{m}$

### Descriptions

ADSS cable is the loose tube stranded Fibers, 250  $\mu\text{m}$ , are positioned into a loose tube made of high modulus plastics. The tubes filled with a water-resistant filling compound. The tubes (and fillers) are stranded around the FRP (Fiber Reinforces Plastic) as a non-metallic central strength member into a compact and circular core filled by filler and wrapped by the water blocking tape for water penetration protection and make it suitable for outdoor environment. The aramid yarns are applied over the stranded core as the additional strength member. The outer jacket is PE which the UV-resistant property to increase the life-time of the cable.

### Applications & Features

- Aerial use ; Self-supporting without a separate messenger
- Ideal for environments in which an all-dielectric cable is desired.
- Ideal for transmission and distribution networks
- Direct use in ducts, enabling simple and cost-effective aerial-to-duct transitions



### Optical Fiber Properties

Fiber Type	Single Mode, 9/125 $\mu\text{m}$	
Attenuation	< 0.35 dB/km @ 1310 nm < 0.22 dB/km @ 1550 nm	< 0.35 dB/km @ 1383 nm < 0.30 dB/km @ 1625 nm
Cable Cut-off Wavelength	$\leq$ 1260 nm	

### Mechanical Properties

No. of Core	6 - 30	Condition	Installation	Long Term			
$\varnothing$ Cable OD	10.50 mm	Max. Tensile Load, N.	1000N	400N			
Weight	88 Kg/Km	Min. Bending Radius, cm	20 O.D.	30 O.D.			
Fiber in Tube	No. Color	1 Blue	2 Orange	3 Green	4 Brown	5 Grey	6 White

### Product Code

9/125 $\mu\text{m}$ , SM (Single Mode), Outdoor/ADSS (All Dielectric Self-Support), Aerial Type			
SM9125ADSS04S	OUTDOOR/ADSS, 4C, SM, 9/125	SM9125ADSS06S	OUTDOOR/ADSS, 6C, SM, 9/125
SM9125ADSS12S	OUTDOOR/ADSS, 12C, SM, 9/125	SM9125ADSS24S	OUTDOOR/ADSS, 24C, SM, 9/125

Note : Others cores are also available (6-30 cores). The product code is based on the same designation.

### Cable Marking :

PAN-ASIA ADSS HIGH QUALITY OPTICAL CABLE SM9125ADSS $x^{*1}$ S, FOR GENERAL TELECOMMUNICATION,  $year^{*2}$  0001M

Note :  $x^{*1}$  = No. of Core :  $year^{*2}$  = Year of Manufacture

### Packing :

Each single length of cable shall be reeled on **Iron-wooden drum** suitable for long distance shipment. Covered by plastic buffer sheet. Sealed by strong wooden battens