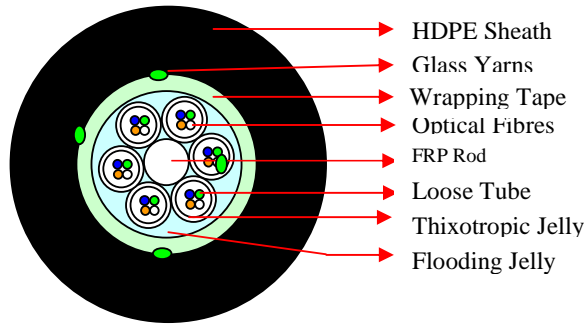


UNICA

96 – 144 FIBRE PE JACKETED ADSS AERIAL CABLE

Description: All Dielectric Self Supporting Multiloose Tube Aerial Optical Fibre Cable is specially designed for aerial installations for continuous operation even in severe environments. The cables are suitable for High-speed voice, video & data communication, Local Area Network and Long haul Network. Multi loose tube OFC containing coloured fibres for easy identification, non-metallic central strength members (FRP) and Glass yarns in peripheral for tensile strength of cable. The cable is sheathed with UV stabilized HDPE. The cable has lightweight, small diameter and high flexibility. The cable is suitable for span length up to 50 meters.



Fibre Count	Cable Mass (Kg/km)	Cable OD (mm)	Sheath Thickness (mm)	FRP Rod Diameter (mm)	Bending Radius (mm)		Crush Res (KN/100 sq mm)		Installation Tensile (KN)
					No Load	Full Load	Long Term	Short Term	
96F	145 ± 20	12.5 ± 1	≥ 1.5	2.3 ± 0.2 Upcoat dia up to 4.0±0.2 mm	10D	20D	1.0	2.0	≥ 3.5
144F	220 ± 20	16.5 ± 1	≥ 1.5	2.3 ± 0.2 Upcoat dia up to 4.0±0.2 mm	10D	20D	1.0	2.0	≥ 3.5

FIBRES PER TUBE & COLOURS								
Fibre Count	T1 Blue	T2 Orange	T3 Green	T4 Brown	T5 Slate	T6 White	T7 Red	T8 Black
96	12	12	12	12	12	12	12	12
144	2 bundles of 12F each	2 bundles of 12F each	2 bundles of 12F each	2 bundles of 12F each	2 bundles of 12F each	2 bundles of 12F each	-	-

Fibre colours in sequence are - Blue, Orange, Green, Brown, Slate, White, Red, Black., Yellow, Violet, Pink & Natural

Packing Length

96F: 3.0 Km ± 10%

144F: 2.0 Km ± 10%

9/125 um G652.D		
	1310 nm	1550 nm
Att (dB/km)	≤ 0.38	≤ 0.25