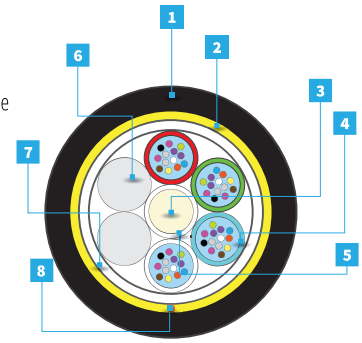




Cable structure

1. HDPE outer jacket
2. Aramid yarns
3. Central strength member (FRP)
4. Loose tubes (PBT) with colored fibers in filling gel
5. Water blocking yarns

6. Fillers
7. Water blocking tape
8. Ripcord



Configuration

AERO-AS04 PBT TUBES 2.0 MM									
Version	Fibers	Fibers per tube	Total elements	Active tubes	Ø ± 5% [mm]	Nominal weight ±10% [kg/km]	Max. tensile load [N]		Crush [N/10 cm]
							instal-lation	opera-tion	
1T x 12F	12	12	6	1	10,1	75	4000	2000	2000
2T x 6F	12	6	6	2	10,1	75	4100	2400	
2T x 12F	24	12	6	2	10,1	76	4000	2000	
4T x 6F	24	6	6	4	10,1	76	4100	2400	
3T x 12F	36	12	6	3	10,1	80	4000	2000	
6T x 6F	36	6	6	6	10,1	76	4100	2400	
4T x 12F	48	12	6	4	10,1	80	4000	2000	
8T x 6F	48	6	8	8	11,3	97	4200	2500	
6T x 12F	72	12	6	6	10,1	82	4000	2000	
8T x 12F	96	12	8	8	11,4	103	4200	2100	
12T x 12F	144	12	12	12	13,9	149	4100	2000	

Other fiber counts available on demand

Applications

- Duct & pole mount
- High tensile and crush performance
- Fully dielectric cable
- Self-supporting aerial cable with aramid reinforcements

Features

- FRP strength and anti-buckling element
- Dry yarns to prevent moisture into the cable
- Loose tube (PBT Ø 2.0 mm) with filling compound
- 6-12 elements SZ stranded cable core
- Optical fibers
- Fillers (if applicable)
- Water-swellaable tape
- Aramid yarns as strain relief and water absorbent
- UV stabilized HDPE jacket

Operating temperature

