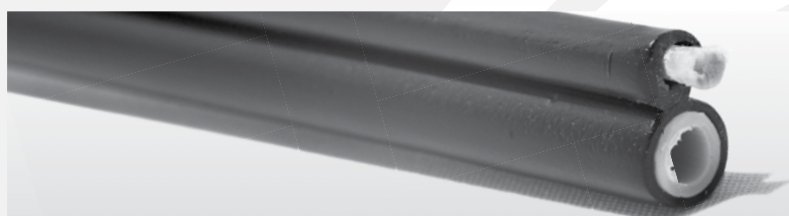




dura·line



DuraAir F8 5/3.5 mm

CUSTOMER DROP AERIAL SOLUTION

The standard figure 8 construction of our new aerial drop product is lightweight and with minimal visual pollution solution. It is easy to install, with only very low stringing tension required. DuraAir F8 withstands also some extreme overloads due to the severe weather conditions.

Using Push-Fit connectors it will easily become part of your micro-duct based FTTH network with quick one-step cable blowing operation.

FEATURES

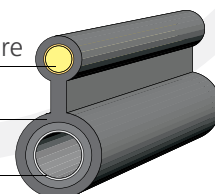
- ✓ Lightweight future-proof solution
- ✓ Standard Figure 8 construction, metal free
- ✓ High UV resistance (at least 15 years guaranteed)
- ✓ Standard aerial accessories
- ✓ Tested & Certified – vibration test, tension test
- ✓ Compliance with EN 60794



3 – Messenger wire

1 – HDPE

2 – Silicore™



PACKAGING

Drum	Flange diameter (mm)	Drum width (mm)	Shaft hole diameter (mm)	Winding maximum length (m)	Informative weight of full drum with chipboard flanges (kg)
MTB2	600	640	65	285	34
MTB8	1030	640	65	1500	150
MTBDT	1200	380	81	1200	130

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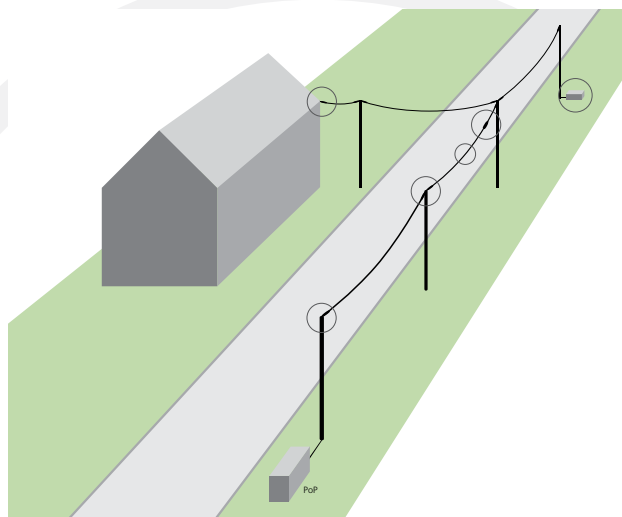
TYPICAL APPLICATION

- ✓ Span: max 50 m
- ✓ Sag: Usually the average sag is set up at 1 % of the average span at 15 or 20 °C.
For instance, given an average span of 50 meters, the sag would be 0.5 m
- ✓ Tension very small, for 50 m span & 0.5 m sag, TENSION = 30 daN



TENSION CALCULATION

$$\text{Tension} = \frac{(\text{Weight}_D + \text{Weight}_C) \times (\text{Span})^2}{8 \times \text{Sag}}$$



DuraAir F8 5/3.5	Temperature at time of installation °C	Sag	Installation force [N] at a span length in meters of				
			30 m	40 m	50 m	60 m	70 m
	20	1 %	176 N	235 N	293 N	352 N	410 N

Sag according to span between poles, including cable of 3 kg/km weight.

ACCESSORIES



SC37C Suspension clamp



BQC12x50 Pigtail hook



AC35 260 Anchoring clamp



UPB Universal PoleBracket