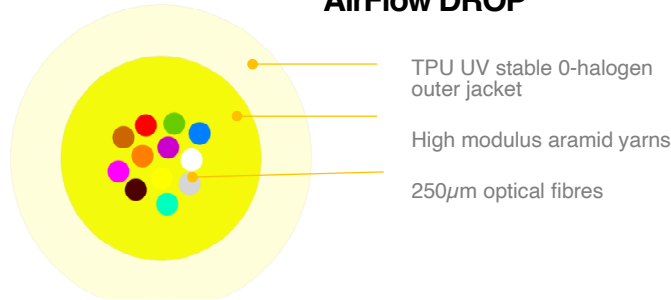


Single jacket TPU outdoor DROP cable with aramid yarns reinforcement

AirFlow DROP



TPU UV stable 0-halogen outer jacket

High modulus aramid yarns

250µm optical fibres

*schematic drawing, not to scale

APPLICATION

Aero customer connection
Fully dielectric
FTTX networks

DESIGN

TPU outer jacket UV stable
Aramid yarns reinforcement
250µm optical fibres

VARIANT

Variant	Ø nominal (±5%)	Fibres	Nominal weight (±10%)	Max short term load	Max long term load
	[mm]	[pcs]	[kg/km]	[N]	[N]
12F	3,4	12	8.5	800	250

TECHNICAL AND ENVIRONMENTAL CABLE CHARACTERISTICS

Test	Specification	Conditions		Requirements
Tensile strength	IEC60794-1-21 Method E1	Short term load: 850N		Δα reversible
		Long term load: 250N		Δα≤0,1 dB/km
Crush resistance	IEC60794-1-21 Method E3	Load: 250N/10cm		Δα reversible No jacket cracking and fibre breakage
Bending	IEC60794-1-21 Method E11	Radius: 51mm No. of turns: 4		Δα≤0,05dB (after test) No jacket cracking and fibre breakage
Temperature range	IEC60794-1-22 Method F1	Installation:	-30... +70 [°C]	Δα≤0,1 dB/km, reversible
		Operation:	-30... +70 [°C]	
		Transport & Storage:	-30... +70 [°C]	Δα reversible

(*) values for single-mode fibres, all optical measurements performed at 1550nm

(**) On request, tests according to EN 50575:2014+A1:2016 can be carried out to determine the reaction to fire behaviour classification.

OPTICAL FIBRES AND LOOSE TUBES COLOUR IDENTIFICATION

For optical fibres and modules identification information please see **DSH_Colors_CODE_XXXX** document.

FIBRES PARAMETERS

For selected post-production optical fibres parameters please see **DSH_OFp** document.

MARKING

The following print (inkjet printer) is applied at 1-meter intervals:

OFC Airflow "TOTAL FIBRECOUNT" "FIBRE TYPE" FTTHDROPABLELSOH "YEAR OF MANUFACTURE" "LASERSYMBOL" "LENGTH MARKING" "BATCH NUMBER"

The accuracy of marking is ±0,5%. Remarking is in accordance with Bellcore GR 20 and supersedes earlier markings. Occasional loss of marking is possible. Cables can be supplied with a range of single mode or multimode fibres and customized print.

Type:	AirFlow	REV: 1
Issued:	30.7.2025	JJ
Modified:		

OUTER JACKET COLOURS OPTIONS

Jacket colour	Ivory	Yellow	White	Blue	Orange	Green	Aqua	Violet
RAL	1015	1021	9010	5015	2003	6018	6027	4003

PACKING

Cables are shipped on cardboard box with plastic reel. Identification information is placed on a drum. Typical spool length is 1000 meters \pm 5%, with possibility of supplying up to 5% of total contract quantity as short length cables which should be above 1000 meters long. Tolerance of 5 % of order quantity shall be allowed.

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