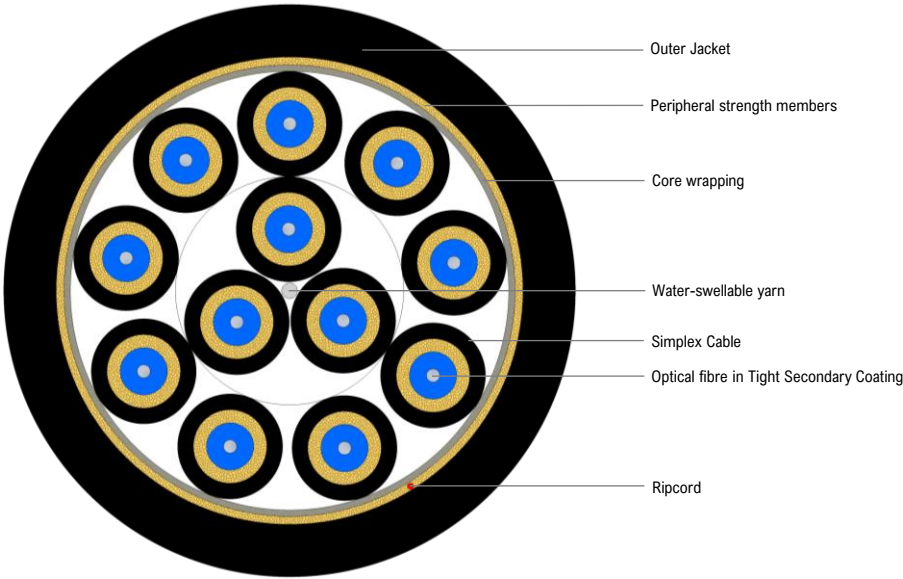


Flexible Breakout Cable 12F

Universal Cable for backbone cabling in indoor and outdoor applications with improved flexibility.



Fiber Type	G.657.A1, G.657.A2, OM1, OM2, OM2+, OM3, OM4, OM5
Fiber colour	Natural
Buffer material	Thermoplastic FR-LSHF compound
Buffer diameter	0.9 mm
Simplex jacket material	Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Simplex Diameter	2.0 mm
Simplex jacket colour	Identical to the outer jacket
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable Aramid yarns
Ripcord	1x under outer jacket
Outer jacket	UV Resistant Flame-retardant (V-2, UL94) Thermoplastic Polyurethane resistant to micro-organisms and hydrolysis, flexible during very low temperature
Outer Jacket thickness	1.0 mm
Outer jacket colour	Black (RAL9005), Olive Green (RAL6003), Beige (RAL1001), Yellow (RAL1021), White (RAL9010)

Cable outer diameter	10.9	[mm]	
Max. Loading (Short Term)	650	[N]	EN 60794-1-21-E1
Max. Loading (Long Term)	230	[N]	EN 60794-1-21-E1
Max. compressive loading	500	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	5	[Nm]	EN 60794-1-21-E4
Min. bend radius (not load)	10	[OD]	EN 60794-1-21-E11
Operating temperature range	-30 to +60	[°C]	EN 60794-1-22-F1
Storage temperature range	-30 to +60	[°C]	EN 60794-1-22-F1
Installation temperature range	-15 to +50	[°C]	EN 60794-1-22-F1
Water tightness	No water detected on free end		EN 60794-1-22-F5
Cable Weight (calc.)	87	[kg/km]	
Class of fire reaction	F _{ca}		EN 13501-6

Cable Code (Ordering Code)	OPK-U-BRFS-12(12x2.0)T9AHAU-xx-yy	xx – fiber type, yy – cable jacket colour (see Cable code datasheet)
Print legend	OPK –cable type – lot number- length marking per 1 m (customer print legend available on request)	
Delivery length	2100 m ±5% on plywood reel	