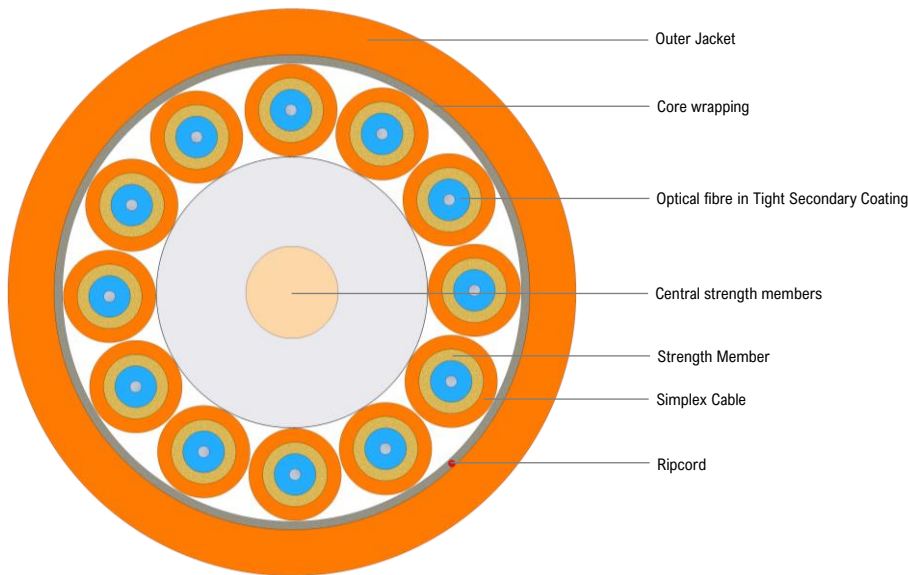


# Indoor Breakout Cable 12F

For intra-building backbone cabling, suitable for plenum and riser installations.



Fiber count	12
Fiber Type	G.652.D, 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
Central Strength member	FRP rod, FR-LSHF coated
Core wrapping	Water-swellable tape
Outer jacket	Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2
Outer Jacket thickness	1.0 mm
Ripcord	1x under outer jacket

Cable outer diameter	12.3	[mm]	
Max. Loading (Short Term)	1000	[N]	EN 60794-1-21-E1
Max. compressive loading	1000	[N/10cm]	EN 60794-1-21-E3
Max. Impact loading	10	[Nm ]	EN 60794-1-21-E4
Min. bend radius not load	15	[OD]	EN 60794-1-21-E11
Min. bend radius load	20	[OD]	EN 60794-1-21-E11
Operating temperature range			
(tight buffer)	-20 to +60	[°C]	EN 60794-1-22-F1
(free buffer)	-5 to +50	[°C]	EN 60794-1-22-F1
Storage temperature range	-20 to +60	[°C]	EN 60794-1-22-F1
Installation temperature range	0 to +50	[°C]	EN 60794-1-22-F1
Cable Weight (calc.)	144	[kg/km]	
Class of fire reaction	E <sub>ca</sub>		EN 13501-6

Cable Code (Ordering Code)    **OPK-I-BRCS-12(12x2.0)x9AHH-yy-zz**                      *x* – buffer stripability    *yy* – fiber type    *zz* – jacket color    (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