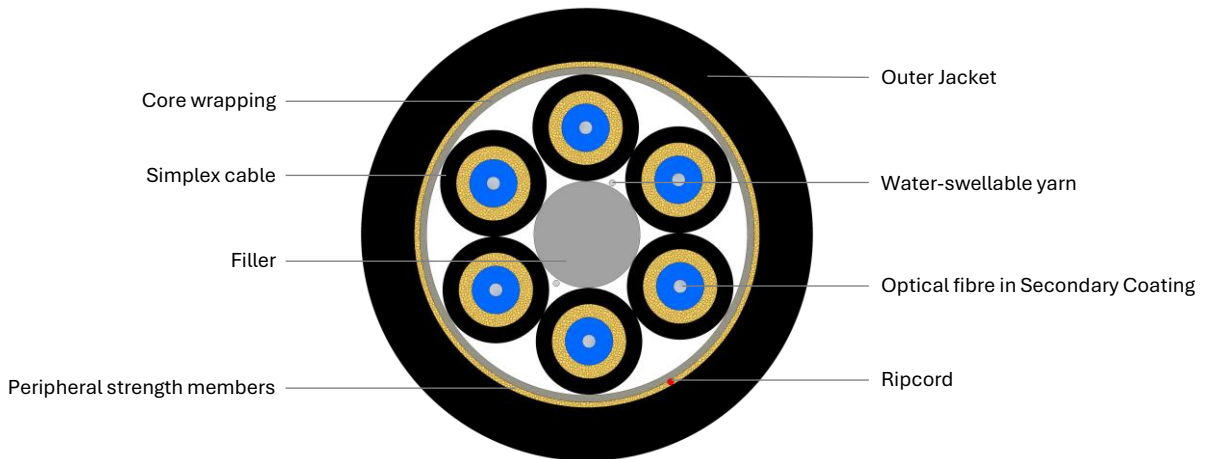


Flexible Breakout Cable 2-24F

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



Picture not to scale. For illustration only.

Fibre Type	G.657.A1, G.657.A2, G.655, OM1, OM2, OM3, OM4, OM5
Fibre colour	Natural, EIA/TIA-598A
Buffer material	Thermoplastic FR-LSHF compound
Simplex jacket material	Thermoplastic FR-LSHF compound
Simplex jacket colour	Identical to the outer jacket
Filler material	Thermoplastic FR-LSHF compound
Core wrapping	Water-swellable tape
Peripheral strength members	Water-swellable Aramid yarns
Ripcord	1x under outer jacket
Outer jacket material	Black UV resistant Halogen-free flame-retardant thermoplastic compound

	2	4	6	8	12(3+9)	24(9+15)	
Number of fibres	2	4	6	8	12(3+9)	24(9+15)	
Number of fibres in simplex cable				1			
Simplex cable count (layers)	2	4	6	8	12	24	
Filler count	2	0	0	0	0	0	
Buffer diameter				0.9			
Simplex diameter				2.0			
Nominal outer diameter (mm)	7.5	7.5	8.5	9.8	10.9	14.4	
Outer jacket thickness (mm)				1.0			
Calc. cable weight (kg/km)	45	43	59	85	87	160	
Short-term tensile strength (N)	500	500	900	1100	650	1200	IEC 60794-1-101
Long-term tensile strength (N)	180	180	350	600	230	350	IEC 60794-1-101
Short-term crush resistance (N/100 mm)				500			IEC 60794-1-103
Max. impact loading (Nm)				5			IEC 60794-1-104
Min. bend radius not load (OD)				10			IEC 60794-1-111
Min. bend radius load (OD)				15			IEC 60794-1-111
Operating temperature range (°C)				-40 to +70			IEC 60794-1-201
Storage temperature range (°C)				-40 to +70			IEC 60794-1-201
Installation temperature range (°C)				-15 to +50			IEC 60794-1-201
Water tightness (1 m / 24 hrs.)				No leakage			IEC 60794-1-205
Class of fire reaction				Fca			EN 50575, EN 13501-6

Number of Fibers	Cable Code (Ordering Code)	Delivery length	Packing
2	OPK-U-BRFS-2(4x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
4	OPK-U-BRFS-4(4x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
6	OPK-U-BRFS-6(6x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
8	OPK-U-BRFS-8(8x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
12	OPK-U-BRFS-12(12x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
24	OPK-U-BRFS-24(24x2.0)T9AHAU-xx-yy	2100 m ± 5%	Solid wooden non-returnable drum
	OPK-U-BRFS-24(24x2.0)T9AHAYU-xx-yy		

xx – fibre type, yy – cable jacket colour (see Cable code datasheet)

Print legend: Manufacturer - Cable type – lot number- length marking per 1 m (customer print legend available on request)

Note: Cable marking using the Hot-foil method is done in white. If overprinting is necessary, the color of the text is yellow.

OPTOKON Kable Co., Ltd., s.r.o. reserves the right to make changes in this specification without prior notice.