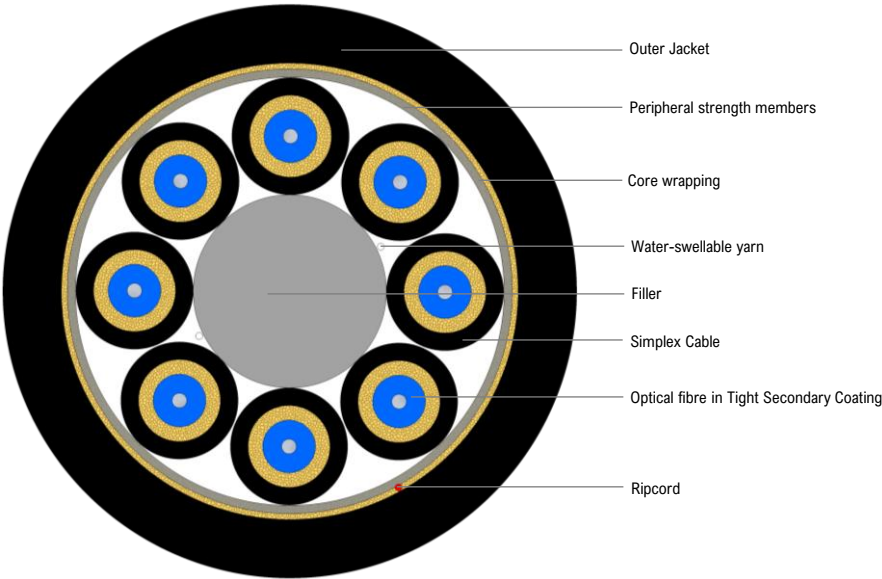


# Flexible Breakout Cable 8F

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                                                                                                                         |
| Filler                      | Thermoplastic FR-LSHF compound according to BS 7878:7 and DIN VDE 0207, part 24, type HM2                                                             |
| 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           | 9.8                           | [mm]            |                   |
| Max. Loading (Short Term)      | 1100                          | [N]             | EN 60794-1-21-E1  |
| Max. Loading (Long Term)       | 600                           | [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.)           | 85                            | [kg/km]         |                   |
| Class of fire reaction         |                               | F <sub>ca</sub> | EN 13501-6        |

Cable Code (Ordering Code)      OPK-U-BRFS-8(8x2.0)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