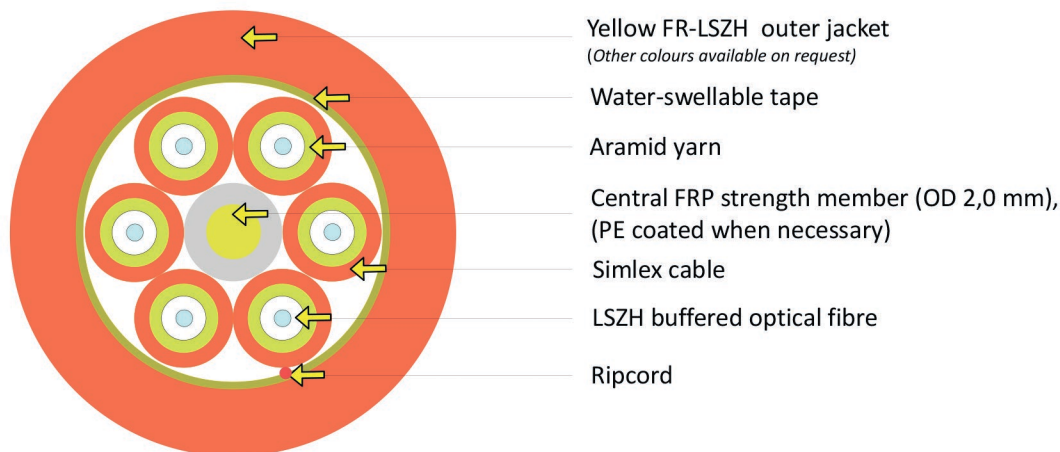


Breakout Cable

ID: **42T1, 42F1**

J-V(ZN)HH max. 24F, Breakout 2,0 mm

This cable is suitable for indoor use.



The picture represents a cable with 6 optical fibres.

Mechanical and Environmental properties

| | | | | | | |
|---------------------------------|------------------------|-----------------------|--------------------|------------------|----|------------------|
| Cable outer diameter | 4 × 2,0 | 7,4 ± 0,4 | mm | EN 60811-203 | | |
| | 6 × 2,0 | 8,4 ± 0,4 | | | | |
| | 8 × 2,0 | 9,7 ± 0,4 | | | | |
| | 12 × 2,0 | 12,2 ± 0,4 | | | | |
| | 16 × 2,0 | 12,0 ± 0,4 | | | | |
| | 18 × 2,0 | 12,4 ± 0,4 | | | | |
| Cable weight | 2 × 2,0 | 50 | kg/km | | | |
| | 4 × 2,0 | 54 | | | | |
| | 6 × 2,0 | 74 | | | | |
| | 8 × 2,0 | 95 | | | | |
| | 12 × 2,0 | 144 | | | | |
| | 16 × 2,0 | 137 | | | | |
| Max. tensile strength | 18 × 2,0 | 151 | N | EN 60794-1-21-E1 | | |
| | 24 × 2,0 | 197 | | | | |
| | 2 × 2,0 | 500 | | | | |
| | 4 × 2,0 | 800 | | | | |
| | 6 × 2,0 | 1800 | | | | |
| | 8 × 2,0 | 2400 | | | | |
| Crush resistance test | 12 × 2,0 | 3000 | N | EN 60794-1-21-E1 | | |
| | 16 × 2,0 | 3400 | | | | |
| | 18 × 2,0 | 3700 | | | | |
| | 24 × 2,0 | 4000 | | | | |
| | Crush resistance test | 1500 | | | N | EN 60794-1-21-E3 |
| | Impact resistance test | 3 | | | Nm | EN 60794-1-21-E4 |
| Min. bend radius (no load) | 10 | × OD | EN 60794-1-21-E11a | | | |
| Min. bend radius (load) | 15 | × OD | EN 60794-1-21-E11b | | | |
| Temperature range | Installation | -5 to + 50°C | EN 60794-1-22-F1 | | | |
| | Operation | -20 to + 60°C | | | | |
| | Storage | -20 to + 60°C | | | | |
| Fire properties – Flammability | pass | EN 60332-3-22 (cat.A) | | | | |
| Fire properties – Acid gases | pass | EN 60754-1 | | | | |
| | pass | EN 60754-2 | | | | |
| Fire properties – Smoke density | pass | EN 61034-1 | | | | |
| | pass | EN 61034-2 | | | | |

Cable life time - minimum 30 years

Sheat Marking

| | |
|--------------|--|
| Print colour | Black |
| Print method | INK-Jet |
| Print legend | Manufacturer's name, job number, type of cable, length marking @ 1 m intervals |

Other print legends available on request

Buffer

| | |
|----------|------------------------------|
| Tight | Strip up to 10cm (42T1) |
| Free | Strip more than 100cm (42F1) |
| Colour | Natur |
| Material | FR-LSZH |

Other buffer colours available on request.

Simplex and Outer jacket colour

| | | |
|-----------------|--|--------|
| Jacket material | FR-LSZH | |
| | SM 9/125 | Yellow |
| | MM 62,5/125 OM1 | Grey |
| | MM 50/125 OM2 | Orange |
| Jacket colour | MM 50/125 OM3 | Aqua |
| | MM 50/125 OM4 | Aqua |
| | Combination of more than one type of fibre | Black |

Packing

Depending on ordered put-up lengths

