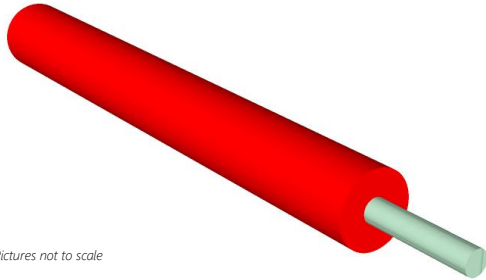


Tight Buffer specification

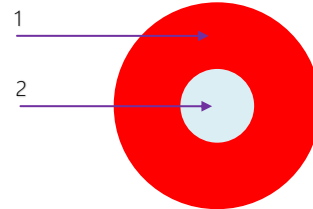
12/04/2017

Tight Buffer type TB I (Cable code: OPK-I-TBTM-1(1x0,6)FFH)

- For Indoor cabling
- Suitable for pigtail
- For direct connecting
- Flame retardant



Pictures not to scale



1. Secondary coating
2. Optical fiber

Optical Fibers

The cable can be supplied with SMF 9/125 μm or MMF 50/125 μm and 62.5/125 μm.

Secondary coating

The secondary coating is made from the flame retardant thermoplastic compound

Stripability of secondary coating

10 mm in one step

Parameter	Reference acc. to IEC 794-1	Value
Crush resistance	E3	10 N/10cm
Temperature range	F1	-20°C to +60°C

Nominal Outer diameter	Cable inf. Weight (calc.)	Standard put-up length	Spool
0,6 mm	0,4 kg/km	2000m, 4000m ± 5% m	26×17×16

Ordering information

Fiber Type	Ordering Code
G.657.A1	OPK-I-TBTM-1(1x0,6)FFH-A1- cc
G.657.A2	OPK-I-TBTM-1(1x0,6)FFH-A2- cc
G.657.B3	OPK-I-TBTM-1(1x0,6)FFH-B3- cc
OM1	OPK-I-TBTM-1(1x0,6)FFH-OM1- cc
OM2	OPK-I-TBTM-1(1x0,6)FFH-OM2- cc
OM3	OPK-I-TBTM-1(1x0,6)FFH-OM3- cc
OM4	OPK-I-TBTM-1(1x0,6)FFH-OM4- cc

cc – buffer color:

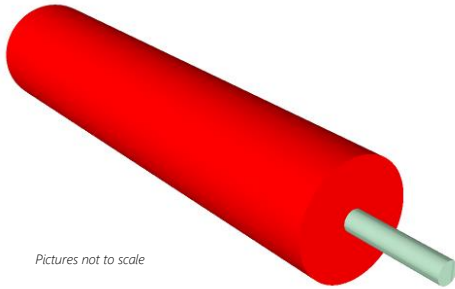
 Red(RD), Green(GN), Blue(BU), Yellow(YE), White(WH), Grey(GY), Brown(BN), Violet(VT), Aqua(TQ), Black(BK), Orange(OG), Pink(PK)
 Fiber color natur. Other color available on request.

Tight Buffer specification

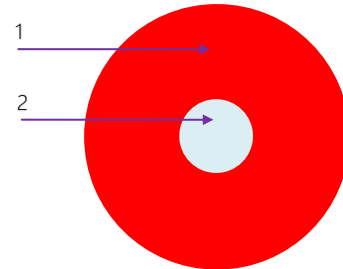
12/04/2017

Tight Buffer type TB II (Cable code: OPK-I-TBxM-1(1x0,9)FFH)

- For Indoor cabling
- Suitable for pigtail
- For direct connecting
- Flame retardant
- Available tight or free stripability



Pictures not to scale



1. Secondary coating
2. Optical fiber

Optical Fibers

The cable can be supplied with SMF 9/125 μm or MMF 50/125 μm and 62.5/125 μm.

Secondary coating

The secondary coating is made from the flame retardant thermoplastic compound

Stripability of secondary coating

See below to ordering information.

Parameter	Reference acc. to IEC 794-1	Value	
Crush resistance	E3	50 N/10cm	
Temperature range	F1	Tight -20°C to +60°C, free 0°C to +60°C	
Nominal Outer diameter	Cable inf. Weight (calc.)	Standard put-up length	Spool
0,9 mm	0,9 kg/km	2000m, 4000m ± 5% m	26×17×16

Ordering information

Fiber Type	Ordering Code
G.657.A1	OPK-I-TBxM-1(1x0,9)FFH-A1- cc
G.657.A2	OPK-I-TBxM-1(1x0,9)FFH-A2- cc
G.657.B3	OPK-I-TBxM-1(1x0,9)FFH-B3- cc
OM1	OPK-I-TBxM-1(1x0,9)FFH-OM1- cc
OM2	OPK-I-TBxM-1(1x0,9)FFH-OM2- cc
OM3	OPK-I-TBxM-1(1x0,9)FFH-OM3- cc
OM4	OPK-I-TBxM-1(1x0,9)FFH-OM4- cc

x – stripability of the secondary coating

T (tight) 20 mm in one step

F (free) more than 100 cm in one step

cc – buffer color:

Red(RD), Green(GN), Blue(BU), Yellow(YE), White(WH), Grey(GY), Brown(BN), Violet(VT), Aqua(TQ), Black(BK), Orange(OG), Pink(PK)

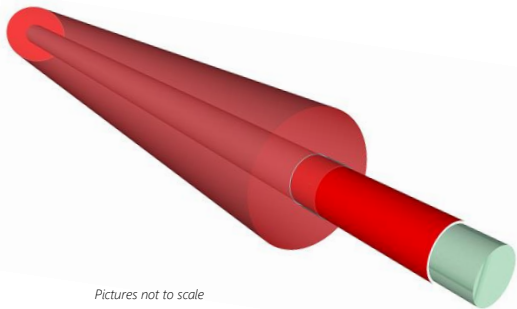
Fiber color natur. Other color available on request.

Tight Buffer specification

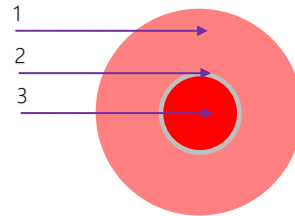
12/04/2017

Tight Buffer type TB III (Cable code: OPK-O-TBSR-1(1×0,6)FFQ)

- Suitable harsh environment
- For direct connecting



Pictures not to scale



4. Secondary coating
5. Soft inner layer
6. Colored optical fiber

Optical Fibers

The cable can be supplied with SMF 9/125 μm or MMF 50/125 μm and 62.5/125 μm.

Secondary coating

The secondary coating is made from the UV curable transparent hard acrylate. Under the secondary coating is thin soft layer for the better stripability.

Stripability of secondary coating

20 cm in one step

Parameter	Reference acc. to IEC 794-1	Value
Crush resistance	E3	250 N/10cm
Temperature range	F1	-45°C to +85°C

Nominal Outer diameter	Cable inf. Weight (calc.)	Standard put-up length	Spool
0,6 mm	0,7 kg/km	2000m, 4000m, 8000 m ± 5% m	26×17×16, K355

Ordering information

Fiber Type	Ordering Code
G.657.A1	OPK-O-TBSR-1(1×0,6)FFQ -A1- cc
G.657.A2	OPK-O-TBSR-1(1×0,6)FFQ -A2- cc
G.657.B3	OPK-O-TBSR-1(1×0,6)FFQ -B3- cc
OM1	OPK-O-TBSR-1(1×0,6)FFQ -OM1- cc
OM2	OPK-O-TBSR-1(1×0,6)FFQ -OM2- cc
OM3	OPK-O-TBSR-1(1×0,6)FFQ -OM3- cc
OM4	OPK-O-TBSR-1(1×0,6)FFQ -OM4- cc

cc – fiber color

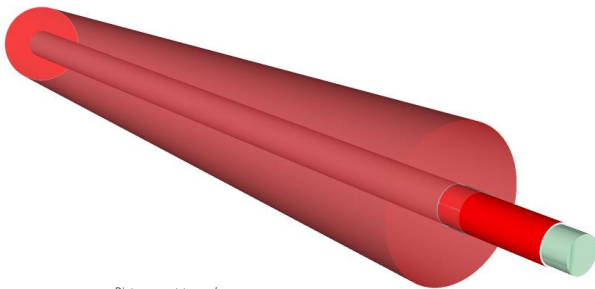
Red(RD), Green(GN), Blue(BU), Yellow(YE), White(WH), Grey(GY), Brown(BN), Violet(VT), Aqua(TQ), Black(BK), Orange(OG), Pink(PK)

Tight Buffer specification

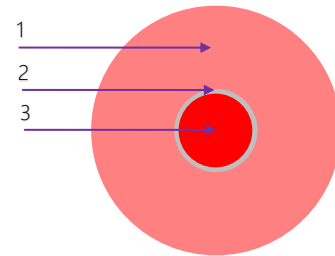
12/04/2017

Tight Buffer type TB IV (Cable code: OPK-O-TBSR-1(1×0,9)FFQ)

- Suitable harsh environment
- For direct connecting



Pictures not to scale



1. Secondary coating
2. Soft inner layer
3. Colored optical fiber

Optical Fibers

The cable can be supplied with SMF 9/125 μm or MMF 50/125 μm and 62.5/125 μm.

Secondary coating

The secondary coating is made from the UV curable transparent hard acrylate. Under the secondary coating is thin soft layer for the better stripability.

Stripability of secondary coating

20 cm in one step

Parameter	Reference acc. to IEC 794-1	Value
Crush resistance	E3	400 N/10cm
Temperature range	F1	-45°C to +85°C

Nominal Outer diameter	Cable inf. Weight (calc.)	Standard put-up length	Spool
0,9 mm	0,8 kg/km	2000m, 4000m, 8000 m ± 5% m	26×17×16, K355

Ordering information

Fiber Type	Ordering Code
G.657.A1	OPK-O-TBSR-1(1×0,9)FFQ -A1- <u>cc</u>
G.657.A2	OPK-O-TBSR-1(1×0,9)FFQ -A2- <u>cc</u>
G.657.B3	OPK-O-TBSR-1(1×0,9)FFQ -B3- <u>cc</u>
OM1	OPK-O-TBSR-1(1×0,9)FFQ -OM1- <u>cc</u>
OM2	OPK-O-TBSR-1(1×0,9)FFQ -OM2- <u>cc</u>
OM3	OPK-O-TBSR-1(1×0,9)FFQ -OM3- <u>cc</u>
OM4	OPK-O-TBSR-1(1×0,9)FFQ -OM4- <u>cc</u>

cc – fiber color

Red(RD), Green(GN), Blue(BU), Yellow(YE), White(WH), Grey(GY), Brown(BN), Violet(VT), Aqua(TQ), Black(BK), Orange(OG), Pink(PK)