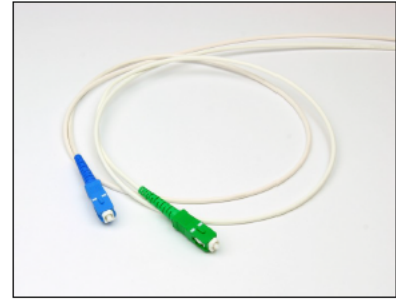


## Subscriber cable and Subscriber patch cord

- For wideband cabling for use in private homes.
- Using bend resistive fibre according to ITU-T G.657.A2.
- 4.5 mm white subscriber cable.
- 2.8 mm white patch cord between wall outlet and home central.
- Flame retardant, low smoke and zero halogen (FR-LSZH).
- The subscriber cable has UV-stabilised outer jacket .



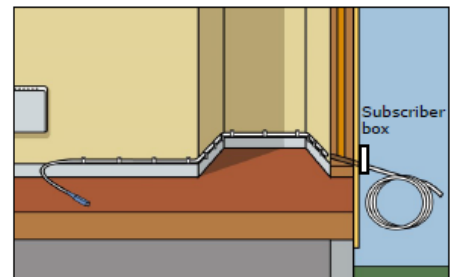
### Description

The digital broadband technology within the fibre to the home segment is evolving rapidly. To be able to offer services with the quality expected by the customer, cables and components used must have the necessary quality.

When running cable in a house the cable may be exposed to more severe bends than are normal in other parts of the network. This requires a fibre that is more insensitive to these types of effects. Our subscriber patch cords/subscriber cables uses single mode fibres according to ITU-T G.657.A2 which meets these requirements.

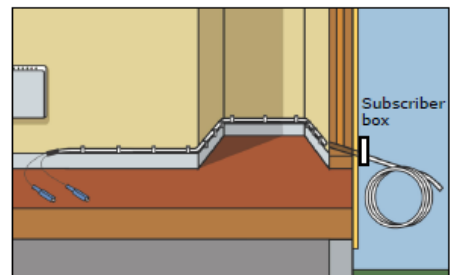
The following variants can be delivered:

**Subscriber cable**                      White 1-fibre cable with connector in one end. The connector is either connected to the wall outlet or directly to the home central. The other end is typically spliced to the incoming cable (from the broadband supplier) in an external subscriber box.



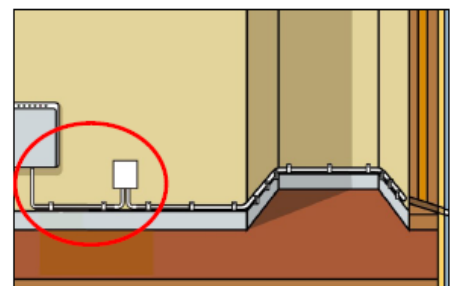
*Subscriber cable used directly to the home central.*

**Subscriber cable w/0.9 mm ending**                      White 1- or 2-fibre cable with connector in one end. Terminated side have a stripped ending of 65cm with 0.9 mm fibre. This enables fibre storage inside the wall outlet or home central. The connector is either connected to the wall outlet or directly to the home central. The other end is typically spliced to the incoming cable (from the broadband supplier) in an external subscriber box.



*2-fibre Subscriber cable w/0.9 mm ending used directly to the home central. This enables fibre storage inside the central.*

**Subscriber patch cord**                      White 1-fibre cable with connectors in both ends. Suited for connecting wall outlet and the home central.



*Example usage of Subscriber patch cord*

## Specifications

Connector type:	SC or LC	IEC 61 754-4 (SC), IEC 61 754-20 (LC)
Polishing:	PC	Colour code blue
	APC	Colour code green
Fibre type:	Single mode	ITU-T G.657.A2
Insertion loss connectors:	< 0.5 dB @ 1310/1550 nm	< 0.15 dB typical
Return loss connectors:	< -45 dB @ 1310/1550 nm for PC	< -50 dB typical
	< -60 dB @ 1310/1550 nm for APC	< -65 dB typical
Classification, connectors:	Class C2 (PC), class C1 (APC)	IEC 61755-1
Operating wavelength :	1260 - 1625 nm	

### Cable

Cable type:	Metal free, dry, tight buffer	
CPR fire class:	Dca-s2, d2, a1	EN 50399
Outer jacket:	UV-stabilised FR-LSZH	EN 50290-2-27
Operating temperature:	-40°C to 60°C	

## Article numbers

8-2R70-xxx	Subscriber cable, SC/PC, 9/OS2/4500, xx.x m, white	4.5 mm
8-2RE0-xxx	Subscriber cable, SC/APC, 9/OS2/4500, xx.x m, white	4.5 mm
8-2RL0-xxx	Subscriber cable, LC/PC, 9/OS2/4500, xx.x m, white	4.5 mm
8-2R70-xxx-ED	Subscriber cable, SC/PC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2RE0-xxx-ED	Subscriber cable, SC/APC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2RL0-xxx-ED	Subscriber cable, LC/PC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2S70-xxx-ED	Subscriber cable, 2 x SC/PC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2SE0-xxx-ED	Subscriber cable, 2 x SC/APC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2SL0-xxx-ED	Subscriber cable, 2 x LC/PC, 9/OS2/4500, 0.9 mm end, xx.x m, white	4.5 mm
8-2P77-xxx	Subscriber patch cord, SC/PC-SC/PC, 9/OS2/2800, xx.x m, white	2.8 mm
8-2PEE-xxx	Subscriber patch cord, SC/APC-SC/APC, 9/OS2/2800, xx.x m, white	2.8 mm
8-2P7L-xxx	Subscriber patch cord, SC/PC-LC/PC, 9/OS2/2800, xx.x m, white	2.8 mm

xxx = length code: 010 = 10 m, 015 = 15 m, 100 = 100 m etc.  
Other cable types may be delivered on request.

