



## CABLE ASSEMBLY TYPES

**Quantity** - Please use one request form per cable assembly type

Cable assembly types		
	End A	End B
<input type="checkbox"/> Sealed Patch cord		
<input type="checkbox"/> Receptacle		
<input type="checkbox"/> Gas tight receptacle		
<input type="checkbox"/> Sealed Breakout		
<input type="checkbox"/> Sealed Single Fiber		

Drawings are for reference only. All types exist for FO1, FO2, FO4 and FOH 2-2.

End A	Assembly	End B
<b>FiberOptic connectors</b> <input type="checkbox"/> P01 - Plug <input type="checkbox"/> R50 - Receptacle cable mounted <input type="checkbox"/> R01 - Receptacle panel rear mounted <input type="checkbox"/> R03 - Receptacle panel front mounted <input type="checkbox"/> R13 - Receptacle panel square flange	<b>Total length* <math>L_{tot}</math></b> <i>end-to-end total (min. 0.5 except receptacles)</i> <input type="checkbox"/> 1 meter <input type="checkbox"/> 2 meters <input type="checkbox"/> <input type="checkbox"/> <b>Breakout length* <math>L_b</math></b> <i>for breakout &amp; gas tight (if applicable / min. 0.3 max. 1.0)</i> <input type="checkbox"/> 0.5 meter <input type="checkbox"/> 1 meter <input type="checkbox"/> <input type="checkbox"/> <b>Short length receptacles</b> <i>For receptacles &lt; 0.5 meters 900 <math>\mu</math>m buffered fibers wires</i> <b>For receptacles <math>\geq</math> 0.5 meters 2.0 mm tight buffered wires</b>	<b>FiberOptic connector</b> <input type="checkbox"/> CNA - Free end No Connector <input type="checkbox"/> P01 - Plug <input type="checkbox"/> R50 - Receptacle cable mounted <input type="checkbox"/> R01 - Receptacle panel rear mounted <input type="checkbox"/> R03 - Receptacle panel front mounted <input type="checkbox"/> R13 - Receptacle panel square flange
<b>Contact End-face</b> <i>Available for SM only</i> <input type="checkbox"/> 0° PC <input type="checkbox"/> 8° APC		<b>Telecom connector</b> <input type="checkbox"/> LC <input type="checkbox"/> SC <input type="checkbox"/> FC <input type="checkbox"/> ST
		<b>Contact End-face</b> <i>Available for SM only</i> <input type="checkbox"/> 0° PC <input type="checkbox"/> 8° APC

\*Cable length in 0.1 meter units only.  
 Cable length tolerance according IPC-WHMA-A-620.



## CABLE AVAILABILITY

CHOOSE YOUR CABLE

		INDOOR/OUTDOOR			
Supplier Brand	Fiber Count	SM 9/125 G.657.A1	MM 50/125 OM3	MM 62.5/125 OM1 / OM1+	
OCC	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LEONI	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
LEONI	Hybrid 2+2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

		RODENT PROOF			
Supplier Brand	Fiber Count	SM 9/125 G.657.1.A1	MM50/125 OM3	MM 62.5/125 OM1	
LEONI Glass Fiber	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

		METAL ARMORED			
Supplier Brand	Fiber Count	SM 9/125 G.657.1.A1	MM50/125 OM3	MM 62.5/125 OM1 / OM1+	
KAIPHONE Metal Armored	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
BRUGG Metal Armored	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Available     Available under special lead time - please contact your local sales department for details

CUSTOM CABLE
<input type="checkbox"/>

Please details your requests below:



## OUTDOOR CABLE FEATURES

Features	OCC		LEONI
Available for	FO1	FO2, FO4	FO2, FO4
Best for	Premium application		High load application
		<ul style="list-style-type: none"> <li>- Overall ruggedness</li> <li>- Easy deployment</li> <li>- High end tactical cable</li> </ul>	
Technology	<ul style="list-style-type: none"> <li>- Tight buffered fibers</li> <li>- Aramid yarn</li> <li>- PUR jacket</li> </ul>		<ul style="list-style-type: none"> <li>- Tight buffered fibers</li> <li>- Aramid yarn</li> <li>- PUR jacket</li> </ul>
Outer diameter	2.9 mm	5.5 mm	5.5 mm
Weight	8 kg/km	27 kg/km	28 kg/km
Operating tensile load	300 N	600 N	1500 N
Crush resistance	500 N/cm	1800 N/cm	800 N/cm
Min. bending radius	1.5 cm	3.3 cm	5.5 cm
Operating temperature	-40°C to +85°C	-40°C to +85°C	-55°C to +85°C

Features	LEONI	KAIPHONE	BRUGG
Available for	FO2, FO4	FO1	FO2, FO4
Best for	Rodent proof	Metal armored	Metal armored
		<ul style="list-style-type: none"> <li>- Semi-static applications</li> <li>- Easy deployment</li> <li>- Dielectric rodent protection</li> <li>- High flexibility</li> </ul>	<ul style="list-style-type: none"> <li>- High rodent protection</li> <li>- Static &amp; deployable applications</li> <li>- Ultra-light armored technology</li> <li>- Sensing applications</li> </ul>
Technology	<ul style="list-style-type: none"> <li>- Tight buffered fibers</li> <li>- Aramid yarn /</li> <li>- PUR double skin jacket</li> </ul>	<ul style="list-style-type: none"> <li>- Stainless steel loose tube</li> <li>- Aramid yarn</li> <li>- LDPE jacket</li> </ul>	<ul style="list-style-type: none"> <li>- Stainless steel loose tube</li> <li>- Stainless steel yarn</li> <li>- PA Jacket</li> </ul>
Outer diameter	9.4 mm	3.0 mm	3.8 mm
Weight	105 kg/km	18 kg/km	25 kg/km
Operating tensile load	2000 N	300 N	900 N
Crush resistance	800 N/cm	300 N/cm	800 N/cm
Min. bending radius	9.4 cm	3.0 cm	5.7 cm
Operating temperature	-55°C to +85°C	-40°C to + 85°C	-40°C to + 70°C

Please consult our Cable Specifications for detailed information.



## ACCESSORY LIST

### COLOR SILICON RINGS



#### FO1 – FOCR06

- Beige     Red
- Blue     Green

#### FO2/FO4 – FOCR14

- Beige     Red
- Blue     Green

### OPEN END SPANNER



#### FO1

- TX00.004     TX00.014
- TX00.011

#### FO2/FO4

- TX00.019
- TX00.025

### HEXAGON SPANNER



#### FO1 - R13

- TX00.384

### NUT DRIVER



#### FO1

- TC00.007

#### FO2/FO4

- TP00.013

### SLEEVES HOLDER MATE ADAPTER



#### FO1

- FOP06 Sleeve Holder



#### FO2/FO4

- FOP14 Sleeve Holder

### PANEL SEALS



#### FO1

- FO R13 Panel Seal FO1



#### FO2/FO4/FOH

- FO R13 Panel Seal FO2/FO4/FOH



## ACCESSORY LIST

### TELECOM MATE ADAPTERS



- LC Adapter SM/APC
- LC Adapter SM/UPC
- LC Adapter MM/UPC



- SC Adapter SM/APC
- SC Adapter SM/UPC
- SC Adapter MM/UPC



- FC Adapter SM/APC
- FC Adapter SM-MM



- ST Adapter SM-MM

### DEPLOYMENT ACCESSORY



- Wedge Clamp Black Jaws

### FIBER OPTIC CLEANING KIT



- FO Cleaning Kit (complete kit)  
Cleaning kit components
- Laser pen
- Laser pen adapter
- IBC brand cleaner H125
- Precision tweezers
- 50 alcohol wipes

### PRE-CABLED REELS\*



- GT235.RM
- GT310.RM
- GT380.RMFK
- GT450.RMFK
- HT582.RM

\* Reel selection can vary following cable choice and length. Contact your local sales for details. This form is also available on [www.fischerconnectors.com](http://www.fischerconnectors.com)