Cable Assemblies

Datasheet

RoHS ✓

DESCRIPTION

Firecomms Cable assemblies are available in a convenient range of lengths for use with RedLink® or Versatile Link transmitters and receivers, and LC transceivers.

APPLICATIONS

- Control links within high voltage electrical control equipment
- Data communication where extreme immunity to EMI is required
- Links between equipment that requires electrical isolation to be maintained
- Rugged links in hostile environments
- Cable assemblies provide flexible solutions for industry, transport, medical, renewable energy, power transmission. automation, robotics, control drives and others.

FEATURES

- Cost-effective, rugged optical links
- Customised length
- Cable assemblies available in a variety of convenient standard lengths
- Compatible with Versatile Link connectors and fiber optic transmitter and receivers

SPECIFICATIONS

Cable Assembly Specifications

Parameter	Symbol	Min	Typical	Max	Unit
Storage Temperature	T_{stg}	-40		+85	°C
Operating Temperature	T_{op}	-40		+85	°C
Installation Temperature	T_I	0		+70	°C
Durability, Mating Cycles		500			

Ordering Information

Part Number	Name	Description
FD-xxx-LDB	LC Duplex Cable Assembly	xxx m LC duplex cable assembly 0.5NA SI-POF
FD-xxx-BSB	RedLink Simplex Cable Assembly, Crimped Friction Plugs	xxx m RedLink simplex patch cable with friction plug 0.5NA SI-POF (Grey and Blue Crimped Plugs)
FD-xxx-ASB	RedLink Simplex Cable Assembly, Crimpless Friction Plugs	xxx m RedLink simplex patch cable with friction plug 0.5NA SI-POF (Grey and Blue Crimpless Plugs)
FD-xxx-PSB	RedLink Simplex Cable Assembly, Crimpless Friction Plugs	xxx m RedLink simplex patch cable with friction plug 0.5NA SI-POF (Grey and Black Crimpless Plugs)
FD-xxx-CSB	RedLink Simplex Cable Assembly, Crimped Latching Plugs	xxx m RedLink simplex patch cable with latch plug 0.5NA SI-POF (Grey and Blue Crimped Plugs)
FD-xxx-RDB	RedLink Duplex Cable Assembly, Crimped Friction Plugs	xxx m RedLink duplex patch cable with duplex friction plug 0.5NA SI-POF (Grey Crimped Plugs)
FD-xxx-NDB	RedLink Duplex Cable Assembly, Crimpless Simplex Friction Plugs	xxx m RedLink duplex patch cable with interlocking simplex friction plugs 0.5NA SI-POF (Grey Crimpless Plugs)
FD-xxx-ADB	RedLink Duplex Cable Assembly, Crimpless Friction Plugs	xxx m RedLink duplex patch cable with friction plug 0.5NA SI-POF (Grey and Blue Crimpless Plugs)
FD-xxx-PDB	RedLink Duplex Cable Assembly, Crimpless Friction Plugs	xxx m RedLink duplex patch cable with friction plug 0.5NA SI-POF (Grey and Black Crimpless Plugs)
FD-xxx-SDB	RedLink Duplex Cable Assembly, Crimped Latching Plugs	xxx m RedLink duplex patch cable with duplex latch plug 0.5NA SI-POF (Grey Crimped Plugs)

The sequence -xxx in each part number should be replaced by one of the following to indicate the required length:

Part Number Length Code

Code	Length	Max Length
xxC	xx cm Cable Assembly	99 cm
xxM	xx m Cable Assembly	50 m

Note: For example
A 30 cm cable assembly would have the code 30C
A 5 m cable assembly would have the code 05M

Duplex LC Plugs
FD-xxx-LDB

Simplex Crimped Friction Plugs
Grey & Blue. FD-xxx-BSB

Simplex Crimpless Friction Plugs
Grey & Blue. FD-xxx-ASB

Simplex Crimpless Friction Plugs
Grey & Black. FD-xxx-PSB

Simplex Crimped Latching Plugs
Grey & Blue. FD-xxx-CSB

Duplex Crimped Friction Plugs
Cream. FD-xxx-RDB

Duplex Interlocking Simplex
Crimpless Friction Plugs.
Grey. FD-xxx-NDB

Duplex Simplex Crimpless
Friction Plugs.
Grey & Blue. FD-xxx-ADB

Duplex Simplex Crimpless
Friction Plugs.
Grey & Black. FD-xxx-PDB

Duplex Crimped Latching Plugs.
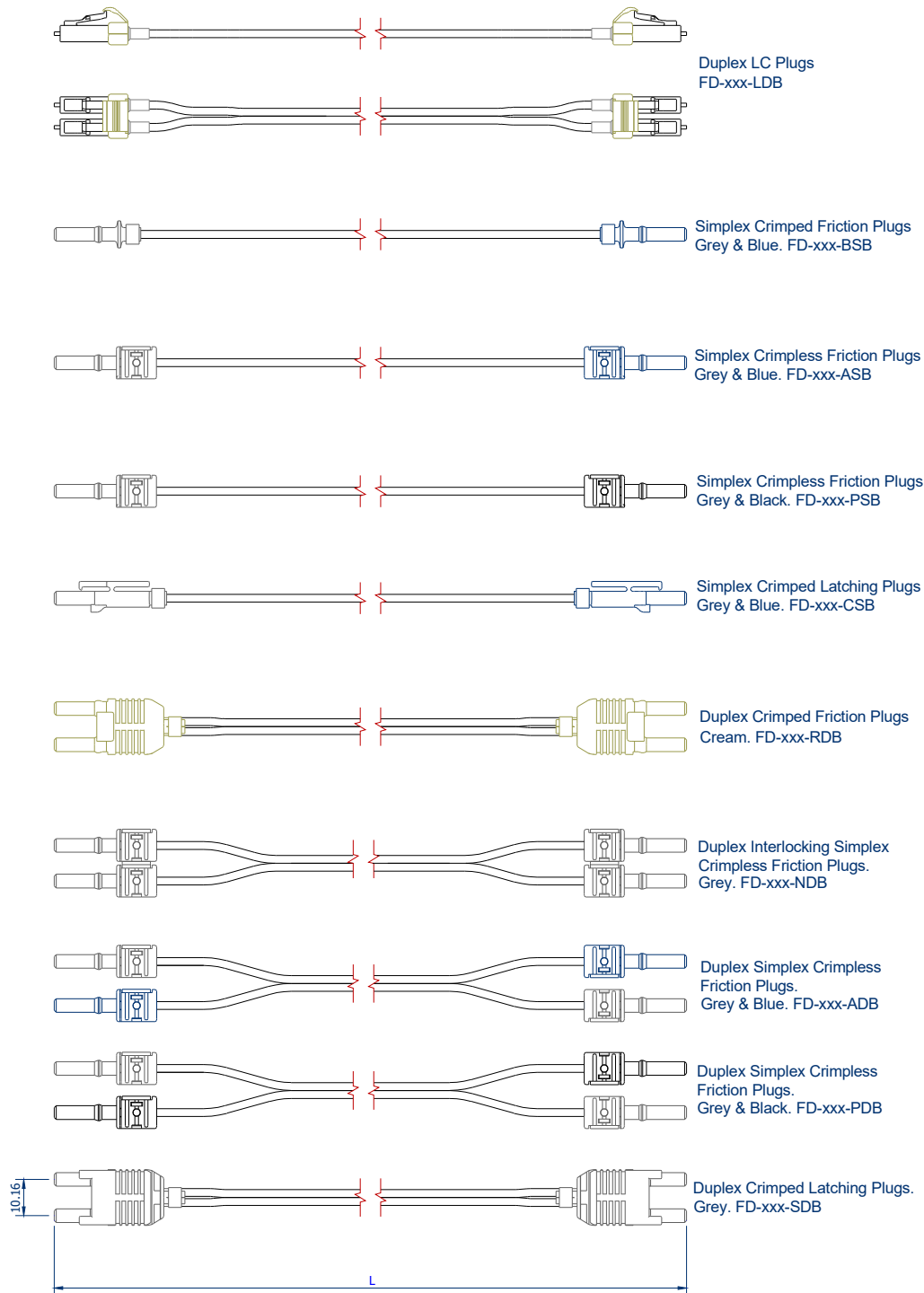Grey. FD-xxx-SDB

Figure 1
Firecomms Cable Assemblies

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