

Fibre Optic Patch Cords



Fibre optic patch cords provide a user friendly interfacing medium for connecting optical communication equipment and networks. AFL manufactures and distributes a broad range of factory-terminated and factory-tested patch cords. These are available in various fibre types, cable constructions and connector options.

Features

- High quality, machine polished connectors for consistent low loss performance
- Available in various cable colours
- SC, LC, ST and FC connector options

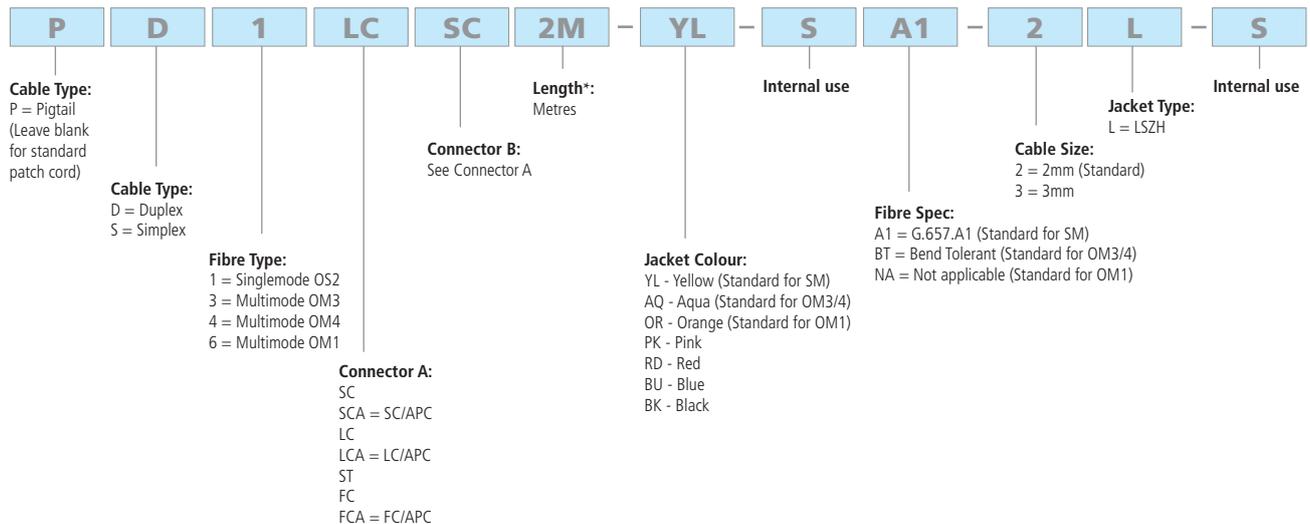
Applications

- Termination and Enclosure to Equipment patching
- Equipment to Equipment patching
- Cross Connect patching

Connector Specifications

OPTICAL PERFORMANCE	VALUE	TEST METHOD
Insertion Loss (Max)	≤ 0.25 dB	IEC 61300-3-4
Return Loss (SM, UPC)	≥ 55 dB	IEC 61300-3-6
Return Loss (SM, APC)	≥ 65 dB	IEC 61300-3-6

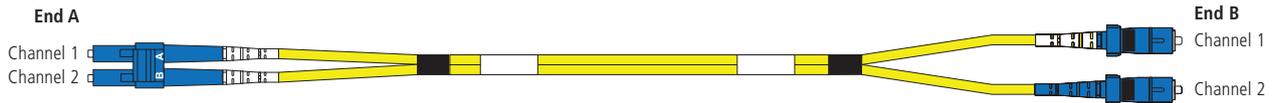
Ordering Information



* Total length is subject to manufacturing tolerances - please contact AFL for more information.

Notes:

Standard AFL duplex patch cords are manufactured as per the A-to-B configuration of ANSI/TIA-568.3-D-2016.



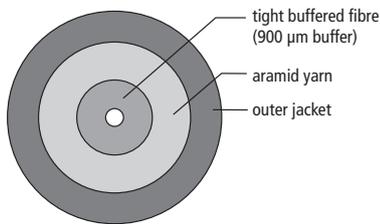
Standard duplex LC leads have duplexed (clipped) connectors.
 Standard duplex SC leads have simplex (non-clipped) SC connectors.

Cable Specifications

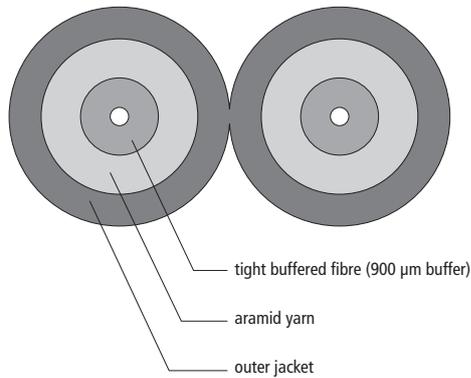
CHARACTERISTIC	SIMPLEX	DUPLEX
Outer Jacket Material	LSZH	LSZH
Strength Member	Aramid	Aramid
Crush Resistance (N/100 mm)	1000	1000
Operating Temperature (°C)	-20 to 60	-20 to 60
Fire Test Method	IEC 60332-1	IEC 60332-1

Cable Cross Section

Simplex



Duplex



Qualifications Table

AS S008	Compliant to the requirement of AS S008
IEC	IEC 60332-1

