

Duplex Patch Cords

Premium Duplex patch cords are ideal for high-density applications with limited space availability. This low-loss range of patch cords is suitable for data center, datacom, and telecom applications. The patch cord provides flexible interconnection to active equipment, passive optical devices, and cross-connects.

The patch cords are terminated with premium range physical contact (Single mode & multimode) and angled physical contact (single mode) Zirconia ferrule connectors, which are manufactured with precision factory mounting and polishing techniques that help assure high transmission quality.



Features

- Zip patch cord
- Supported Fiber Types: G.657A1, OM4 & OM1
- Choice of Cable Options: Available with LSZH
- Available at 2.0mm cable diameters to meet installation requirements
- Conform to IEC, EIA-TIA, or Telcordia performance requirements
- Available in lengths between 0.5 - 50m.
- REACH and SvHC compliant
- Material compliant with RoHS2

Applications

- Hyperscale
- AI
- Colocation
- Enterprise
- Campus
- Central Office
- Office Backbone

Specifications

Connector Specifications

Optical Performance	G.657A1	OM1	OM4	Conformance
IL Max/Master (Acceptance)	≤ 0.15 dB	≤ 0.15 dB	≤ 0.15 dB	IEC 61300-3-4
Return Loss	≥ 55/65 dB	≥ 28 dB	≥ 28 dB	IEC 61300-3-6

Cable Specifications

Characteristics	Description
Cable material	LSZH
Cable Jacket Availability	G.657A1 (Yellow), OM4 (Aqua and Erika Violet), OM1 (Orange)
Connector colour	G.657A1 - Blue OM4, OM1 - Same as cable colour
Supported Connectors	LC, LCA, SC, SCA, FC, FCA, ST, E-2000®, E-2000®APC
Materials Compliant	RoHS, Reach/SVHC
Crush	1000 N
Strength Member	Aramid
Operating Temperature	-20 to 60°C
Secondary Buffer Diameter	900 ± 50µm
Minimum Bending Radius	10D (installed) 20D (loaded)mm
Fire Specification	IEC 60332-1
Regional Availability	Global

E-2000® is a registered trademark of Diamond S.A.

Ordering Information

G.657A1

Description	Part Number
AFL Patchcord Premium LC - LC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PAA-0008-Mxx
AFL Patchcord Premium LC - LCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PAB-0008-Mxx
AFL Patchcord Premium LC - SC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PAD-0008-Mxx
AFL Patchcord Premium LC - SCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PAE-0008-Mxx
AFL Patchcord Premium LC - FC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PAH-0052-Mxx
AFL Patchcord Premium LC - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PAJ-0052-Mxx
AFL Patchcord Premium LC - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PAK-0052-Mxx
AFL Patchcord Premium LC - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PAL-0052-Mxx
AFL Patchcord Premium LC - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PAM-0052-Mxx
AFL Patchcord Premium LCA - LCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PBB-0008-Mxx
AFL Patchcord Premium LCA - SC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short) xxM	P7AQ2L9PBD-0008-Mxx
AFL Patchcord Premium LCA - SCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBE-0008-Mxx
AFL Patchcord Premium LCA - FC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBH-0052-Mxx
AFL Patchcord Premium LCA - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBJ-0052-Mxx
AFL Patchcord Premium LCA - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBK-0052-Mxx
AFL Patchcord Premium LCA - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBL-0052-Mxx
AFL Patchcord Premium LCA - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PBM-0052-Mxx
AFL Patchcord Premium SC - SC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PDD-0008-Mxx
AFL Patchcord Premium SC - SCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PDE-0008-Mxx
AFL Patchcord Premium SC - FC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PDH-0052-Mxx
AFL Patchcord Premium SC - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PDJ-0052-Mxx

Description	Part Number
AFL Patchcord Premium SC - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PDK-0052-Mxx
AFL Patchcord Premium SC - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PDL-0052-Mxx
AFL Patchcord Premium SC - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PDM-0052-Mxx
AFL Patchcord Premium SCA - SCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P7AQ2L9PEE-0008-Mxx
AFL Patchcord Premium SCA - FC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PEH-0052-Mxx
AFL Patchcord Premium SCA - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PEJ-0052-Mxx
AFL Patchcord Premium SCA - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PEK-0052-Mxx
AFL Patchcord Premium SCA - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PEL-0052-Mxx
AFL Patchcord Premium SCA - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P7AQ2L9PEM-0052-Mxx
AFL Patchcord Premium FC - FC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PHH-0000-Mxx
AFL Patchcord Premium FC - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PHJ-0000-Mxx
AFL Patchcord Premium FC - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PHK-0000-Mxx
AFL Patchcord Premium FC - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PHL-0000-Mxx
AFL Patchcord Premium FC - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PHM-0000-Mxx
AFL Patchcord Premium FCA - FCA G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PJJ-0000-Mxx
AFL Patchcord Premium FCA - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PJK-0000-Mxx
AFL Patchcord Premium FCA - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PJL-0000-Mxx
AFL Patchcord Premium FCA - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PJM-0000-Mxx
AFL Patchcord Premium ST - ST G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PKK-0000-Mxx
AFL Patchcord Premium ST - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PKL-0000-Mxx
AFL Patchcord Premium ST - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PKM-0000-Mxx
AFL Patchcord Premium E-2000® - E-2000® G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PLL-0000-Mxx

Description	Part Number
AFL Patchcord Premium E-2000® - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PLM-0000-Mxx
AFL Patchcord Premium E-2000®APC - E-2000®APC G.657A1 Yellow LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P7AQ2L9PMM-0000-Mxx

Where xx = Length in Meters

OM1

Description	Part Number
AFL Patchcord Premium LC - LC OM1 Orange LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P1AQ2L2PAA-0008-Mxx
AFL Patchcord Premium LC - SC OM1 Orange LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P1AQ2L2PAD-0008-Mxx
AFL Patchcord Premium LC - FC OM1 Orange LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P1AQ2L2PAH-0052-Mxx
AFL Patchcord Premium LC - ST OM1 Orange LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P1AQ2L2PAK-0052-Mxx
AFL Patchcord Premium SC - SC OM1 Orange LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P1AQ2L2PDD-0008-Mxx
AFL Patchcord Premium SC - FC OM1 Orange LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P1AQ2L2PDH-0052-Mxx
AFL Patchcord Premium SC - ST OM1 Orange LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P1AQ2L2PDK-0052-Mxx
AFL Patchcord Premium FC - FC OM1 Orange LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P1AQ2L2PHH-0000-Mxx
AFL Patchcord Premium FC - ST OM1 Orange LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P1AQ2L2PHK-0000-Mxx
AFL Patchcord Premium ST - ST OM1 Orange LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P1AQ2L2PKK-0000-Mxx

Where xx = Length in Meters

OM4

Description	Part Number
AFL Patchcord Premium LC - LC OM4 (Color) LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P4AQ2L#PAA-0008-Mxx
AFL Patchcord Premium LC - SC OM4 (Color) LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P4AQ2L#PAD-0008-Mxx
AFL Patchcord Premium LC - FC OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PAH-0052-Mxx
AFL Patchcord Premium LC - ST OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PAK-0052-Mxx
AFL Patchcord Premium LC - E-2000® OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PAL-0052-Mxx
AFL Patchcord Premium SC - SC OM4 (Color) LSZH 2F 2.0mm ZDPX (Short Boot) xxM	P4AQ2L#PDD-0008-Mxx
AFL Patchcord Premium SC - FC OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PDH-0052-Mxx

Description	Part Number
AFL Patchcord Premium SC - ST OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PDK-0052-Mxx
AFL Patchcord Premium SC - E-2000® OM4 (Color) LSZH 2F 2.0mm ZDPX (combination Short/Long Boot) xxM	P4AQ2L#PDL-0052-Mxx
AFL Patchcord Premium FC - FC OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PHH-0000-Mxx
AFL Patchcord Premium FC - ST OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PHK-0000-Mxx
AFL Patchcord Premium FC - E-2000® OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PHL-0000-Mxx
AFL Patchcord Premium ST - ST OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PKK-0000-Mxx
AFL Patchcord Premium ST - E-2000® OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PKL-0000-Mxx
AFL Patchcord Premium E-2000® - E-2000® OM4 (Color) LSZH 2F 2.0mm ZDPX (Long Boot) xxM	P4AQ2L#PLL-0000-Mxx

Where xx = Length in Meters Where # = C for Aqua or D for Erika Violet